

ENRON

OIL & GAS COMPANY

P.O. BOX 1815, VERNAL, UTAH 84078 (801)789-0790

RECEIVED

OCT 22 1991

**DIVISION OF
OIL GAS & MINING**

October 21, 1991

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

RE: NOTICE OF STAKING
NATURAL BUTTES UNIT 310-24E
Sec.24, T9S, R21E
Uintah County, Utah
Lease No. U-0149076

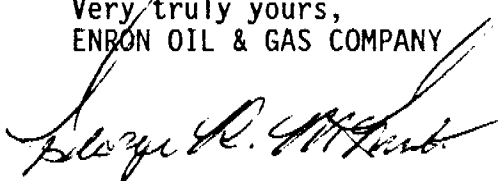
43-047-32380

Dear Mr. Forsman:

Attached is a corrected Notice of Staking on the subject well.

If you require further information, please contact this office.

Very truly yours,
ENRON OIL & GAS COMPANY



George McBride
Sr. Production Foreman

Attachment

cc: **Division of Oil Gas & Mining**
Doug Weaver/Toni Miller
Darrell Zlomke
File

/lw
NOSLTR

NOTICE OF STAKING (Not to be used in place of Application to Drill Form 9-331-C)		RMOGA 5/5/82	5. Lease Number U-0149076
1. Oil Well Gas Well X Other		6. If Indian, Allottee or Tribe Name Ute Tribal Surface	
2. Name of Operator Enron Oil & Gas Company		7. Unit Agreement Name Natural Buttes Unit	
3. Address of Operator or Agent P. O. Box 1815, Vernal, Utah 84078		8. Farm or Lease Name Natural Buttes Unit	
4. Surface Location of Well (Governmental 1/4 or 1/4 1/4) 1850' FNL & 2100' FEL SW/NE		9. Well No. 310-24E	
Attach: Topographical or other acceptable map Showing location, access road, and lease boundaries		10. Field or Wildcat Name NBU/Wasatch	
11. Sec., T., R., M., or Blk and Survey or Area Sec. 24, T9S, R21E		12. County or Parish 13. State Uintah Utah	
14. Formation Objective(s) 15. Estimated Well Depth Wasatch 7400'			
16. To Be Completed by Operator Prior to Onsite a. Location must staked – Completed b. Access Road Flagged – Completed c. Sketch and/or map of location, showing road, pad dimensions, reserve pit, cuts, and fills (To be provided at onsite)			
17. To Be Considered By Operators Prior to Onsite a. H2S Potential – NA b. Private Surface Ownership – Ute Tribe c. Cultural Resources (Archaeology) – Survey Completed 5-14-91 d. Federal Right of Way – NA			
18. Additional Information			
19. Signed <u>Linda L. Wall</u> Title Sr. Admin. Clerk Date 10/21/91			

ENRON

Oil & Gas Company

1801 California Street, Suite 3400, Denver, Colorado 80202 (303) 283-2525

January 17, 1992

Utah State Office
Bureau of Land Management
P.O. Box 45155
Salt Lake City, Utah 84145-0155

RECEIVED

JAN 22 1992

DIVISION OF
OIL GAS & MINING

Attention: Mr. Robert A. Henricks
Chief, Branch of Fluid Minerals

RE: Designations of Agent
NBU 303-6E, 306-18E, 310-24E, 311-23E,
314-3E, 316-17E, 328-13E, 329-29E,
330-29E, 333-2E, 334-3E, 335-23E,
336-24E, 337-24E, 338-24E, 339-19E,
340-20E, 341-29E, 342-35E, 343-36E,
344-12E, 345-4E, 346-5E, 347-8E,
348-9E, 312-2E
Uintah County, Utah
Natural Buttes Prospect
1540-AA29, 1540-AA41, 0050612-000,
0050615-000, 0050621-000, 0050622-000,
0050623-000, 0050627-000, 0050628-000,
0050630-000, 0050632-000, 0050637-000,
0050638-000, 0050642-000, 0050686-000,
0050691-000, 0050692-000

Gentlemen:

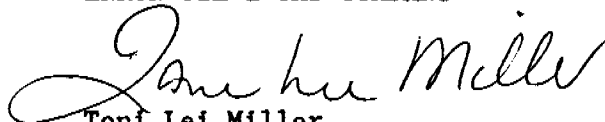
Enclosed, for your approval, are three (3) copies of a blanket Designation of Agent pertaining to Enron Oil & Gas Company's proposed twenty-six (26) wells listed on Exhibit "A" thereto. All copies have been originally executed on behalf of Coastal Oil & Gas Corporation.

When approved, please forward the approved Designation of Agent to my attention at the letterhead address.

If anything further is needed in connection with this matter, please contact the undersigned at the telephone number listed in the letterhead.

Yours very truly,

ENRON OIL & GAS COMPANY


Toni Lei Miller
Project Landman

TLM/dac

9548T/Enclosure

cc: Vernal District, BLM (with copy of enclosure)
Division of Oil, Gas & Mining, Attn: Ms. Tami Searing
(with copy of enclosure)
Jim Schaefer - Big Piney (with copy of enclosure)
George R. McBride - Vernal (with copy of enclosure)
Coastal Oil & Gas Corporation, Attn: Mr. Donald H. Spicer
(with copy of enclosure)

DESIGNATION OF AGENT

Robert A. Henricks
Chief, Branch of Fluid Minerals

The undersigned is, on the records of the Bureau of Land Management Unit Operator under the Natural Buttes Unit Agreement, Uintah County, Utah, No. 14-08-00018900 approved January 5, 1968, and hereby designates:

NAME: Enron Oil & Gas Company

ADDRESS: P. O. Box 1815
Vernal, Utah 84078

as its agent, with full authority to act in its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing, and completing the unit wells listed on the attached Exhibit "A" which are located in Uintah County, Utah.

This designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

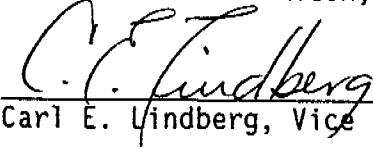
The designated agent will be responsible for compliance with the Oil and Gas Operating Regulations as they relate to the drilling, testing, and completing of each of the subject wells. In accordance with 3104.2, bonding shall be provided by Enron Oil & Gas Company, Bond No. 81307603.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above specified unit well. Unless sooner terminated, this designation shall terminate as to each well when there is filed in the appropriate district office of the Bureau of Land Management a completed file of all required Federal reports pertaining to that well. At which time the Unit Operator shall assume all liability of that well and bonding shall be provided by the Unit Operator or as otherwise arranged by the unit agreement. It is also understood that this designation of agent is limited to field operations and does not cover administrative actions requiring specific authorization of the Unit Operator.

COASTAL OIL & GAS CORPORATION, Unit Operator

By:


Carl E. Lindberg, Vice President

Date: December 16, 1991



EXHIBIT "A"

Attached to and made a part of that certain Designation of Agent dated December 16, 1991, from Coastal Oil & Gas Corporation.

WELL NAME	LOCATION			
	DIV.	SEC	TWP	RGE
NBU 303-6E	SESW	6	10	21
NBU 306-18E	NESW	18	9	21
NBU 310-24E	SWNE	24	9	21
NBU 311-23E	SWSE	23	9	21
NBU 314-3E	SESW	3	9	21
NBU 316-17E	SWNW	17	9	21
NBU 328-13E	NESW	13	10	20
NBU 329-29E	SENE	29	9	22
NBU 330-29E	SENW	29	9	21
NBU 333-2E	NESW	2	9	21
NBU 334-3E	NESE	3	9	21
NBU 335-23E	SENE	23	9	21
NBU 336-24E	SENW	24	9	21
NBU 337-24E	NESW	24	9	21
NBU 338-24E	NENE	24	9	21
NBU 339-19E	NWSW	19	9	22
NBU 340-20E	NWSE	20	9	22
NBU 341-29E	SESE	29	9	22
NBU 342-35E	NENW	35	9	22
NBU 343-36E	SENW	36	9	22
NBU 344-12E	NWNE	12	10	20
NBU 345-4E	SWSW	4	10	21
NBU 346-5E	NWSE	5	10	21
NBU 347-8E	NESW	8	10	21
NBU 348-9E	NWNW	9	10	21
NBU 312-2E	SWSE	2	9	21

ENRON

OIL & GAS COMPANY

P.O. BOX 1815, VERNAL, UTAH 84078 (801)789-0790

September 23, 1992

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

RE: APPLICATION FOR PERMIT TO DRILL
NATURAL BUTTES UNIT 310-24E
SECTION 24, T9S, R21E
UINTAH COUNTY, UTAH
LEASE NO. U-0149076
UTE TRIBAL LANDS

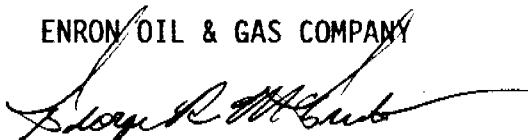
Dear Mr. Forsman:

Enclosed are the original and two (2) copies of the Application for Permit to Drill and associated attachments for the referenced well.

If further information is required regarding this matter, please contact this office.

Sincerely,

ENRON OIL & GAS COMPANY



George R. McBride
Sr. Production Foreman

Attachments

cc: State Division of Oil, Gas & Mining
D. Weaver/T. Miller
Suzanne Saldivar - Houston
File

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SEP 30 1992

DIVISION OF
OIL GAS & MINING

/lw
NBU310-24EAPD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

U-0149076

APPLICATION FOR PERMIT TO DRILL DEEPEN OR PLUG BACK

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

☒ Ute Tribal Surface

Enron Oil & Gas Company

P.O. Box 1815, Vernal, Utah 84078

1850' ENL & 2100' FEL SW/NE

at proposed point

Ute Tribal Surface

UNIT AGREEMENT NAME

Natural Buttes Unit

STAFF OFFICER'S NAME

Natural Buttes Unit

310-24E

WELL FIELD IDENTIFICATION

NBU/Wasatch

11. SEC., T., R., S., OR BDR.

Sec. 24, T9S, R21E

Uintah Utah

12. NO. OF ACRES ADJACENT TO THIS WELL

80

16.8 Miles Southwest of Ouray, Utah

13. NO. OF ACRES ADJACENT TO THIS WELL

14. DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILL WELL LINE, IF ANY

1850'

640

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, IF ANY, COMPLETED OR APPLICABLE FOR ON THIS LEASE, FT.

2230'

16. PROPOSED DEPTH

6950'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATION (Show whether DF, RT, GR, etc.)

4853' Graded Ground

22. APPROX. DATE WORK WILL START

November 1992

DRILLING CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3#	240'	125 sx Class "G" + 2% CaCl2
7 7/8"	4 1/2"	10.5#	6950'	+ 1/2 #/sx celloflake. 50/50 Pozmix + 2% gel + 10% salt to 400' above all zones of interest (+ 10% excess).

Light cement (11 PPG±)
+ LCM to 200' above oil shale or fresh water intervals (+ 5% excess).

SEE ATTACHMENTS FOR:

8 Point Plan
Drilling Program
BOP Schematic
Surface Use and Operating Plan
Location Plat
Location Layout
Topographic Maps "A", "B", and "C"
Gas Sales Pipeline Exhibit "A"

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SEP 30 1992

DIVISION OF
OIL GAS & MINING

Enron Oil & Gas Company will be the designated operator of the subject well under Nation Wide Bond #81307603

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Lindas L. Wallace

TITLE Sr. Admin. APPROVED BY 9723492

(This space for Federal or State office use)

PERMIT NO. 43-047-302380

APPROVAL DATE

OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY

TITLE

DATE: 10-1-92
BY: [Signature]

CONDITIONS OF APPROVAL, IF ANY:

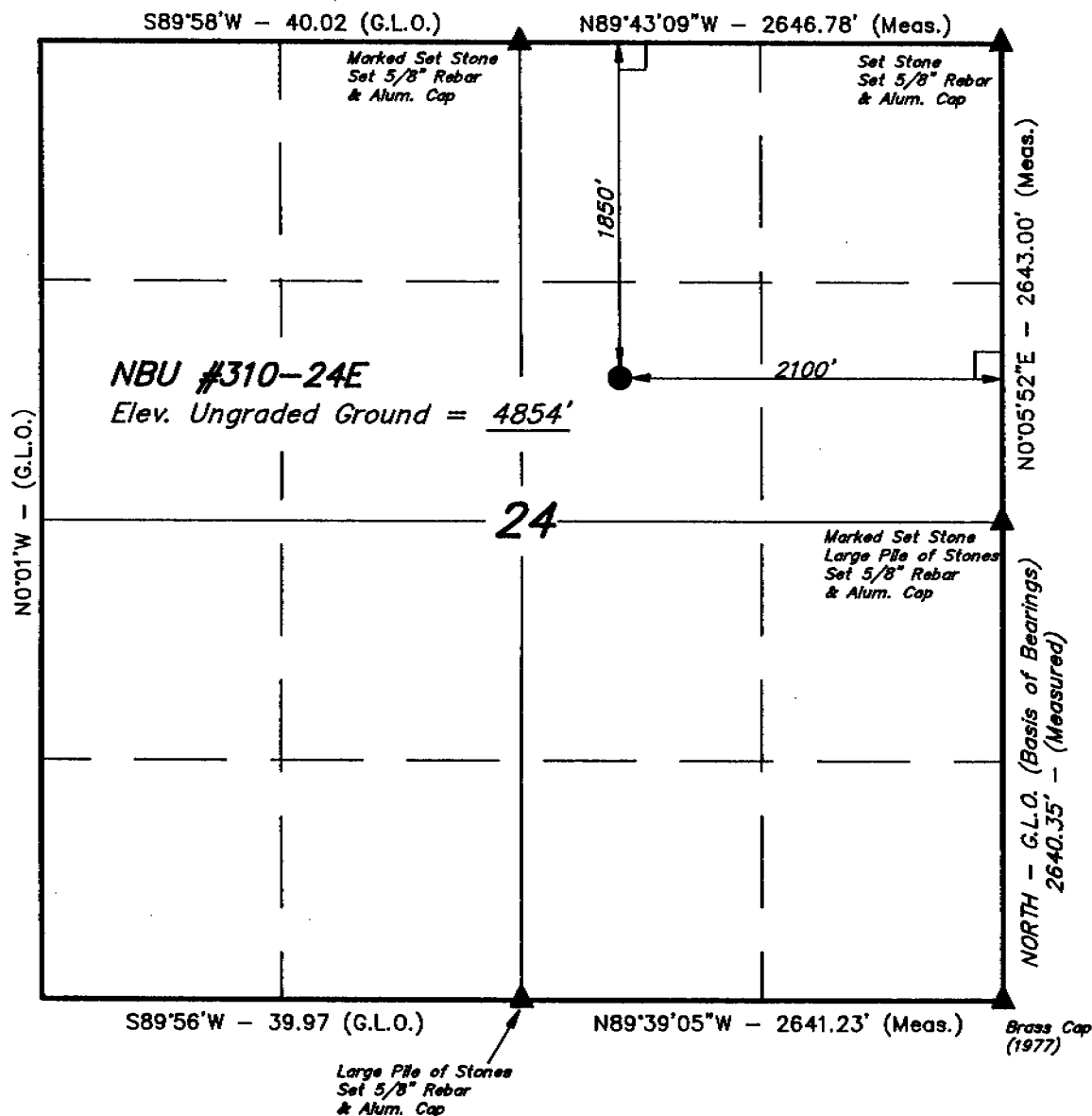
WELL SPACING: 649-2-3

*See Instructions On Reverse Side

T9S, R21E, S.L.B.&M.

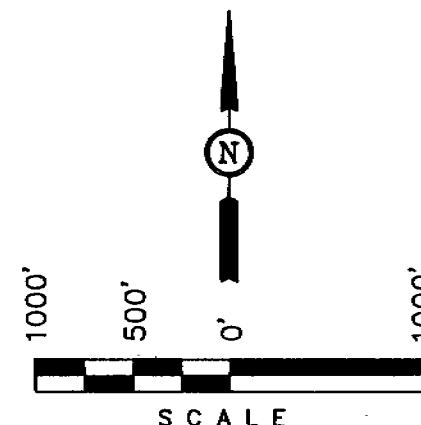
ENRON OIL & GAS CO.

Well location, NBU #310-24E, located as shown in the SW 1/4 NE 1/4 of Section 24, T9S, R21E, S.L.B.&M. Uintah County, Utah.



BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 24, T9S, R21E, S.L.B.&M. TAKEN FROM THE RED WASH SW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4889 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 5709
STATE OF UTAH

▲ = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE 5-23-91
PARTY G.S. K.L. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE ENRON OIL & GAS CO.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 310-24E

SECTION 24. T9S, R21E

UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS & WATER ZONES:

FORMATIONS	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Green River			
Oil Shale	1,652'		
"H" Marker	3,224'		
"J" Marker	3,893'		
Base "M" Marker	4,512'		
Wasatch			
Peters Point	4,907'	Gas	2,200 PSI
Chapita Wells	5,437'	Gas	2,400 PSI
Buck Canyon	5,997'	Gas	2,700 PSI
Island	6,920'	Gas	3,100 PSI
EST. TD	6,950'	Anticipated BHP	3,100 PSI

All depths are based on estimated KB elevation 4,856'. Maximum pressure estimates are based on bottom hole pressures measured on offset or near vicinity wells to the subject well.

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>MINIMUM SAFETY FACTOR</u>		
						<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
12 1/4"	0' -240'	240'	9 5/8"	32.3#	H-40 ST&C	1400 PSI	2270 PSI	254,000#
7 7/8"	0'-6950'	6950'	4 1/2"	10.5#	J-55 ST&C	4010 PSI	4790 PSI	146,000#

All casing to be used will be new or inspected.

5. MUD PROGRAM:

<u>INTERVAL</u>	<u>MUD TYPE</u>
0' - 240'	Air
240' - 4000'	Air Mist & Aerated Water
4000' - TD	Aerated 3% KCl water or KCl substitute
TD	Gel/polyacrylamide polymer w/5-10% LCM

Lost circulation probable from 1500' to 3000'±.

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

EIGHT POINT PLAN

NATURAL BUTTES UNIT 310-24E

PAGE NO. 2

6. VARIANCE REQUESTS:

- A. Enron requests a variance to regulations requiring a straight run blooie line. (There will be two targeted tees in blooie line).
- B. Enron requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. Enron requests a variance to regulations requiring 100' distance between well bore and end of blooie line. (Not possible on this location due to topography). Blooie line will be 75' on NBU 310-24E.

7. EVALUATION PROGRAM:

Logs: Dual Laterolog/GR From base of surface casing to TD.
FDC-CNL/GR/Caliper TD to 3100'
Linear 2" DLL.

Cores: None Programmed.
DST' : None Programmed.

Completion: To be submitted at a later date.

8. ABNORMAL CONDITIONS:

None anticipated.

9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

Attachment: BOP Schematic Diagram

NBU310-24EPP
/LW

RECEIVED

SEP 30 1992

DIVISION OF
OIL GAS & MINING

RECEIVED

SEP 30 1992

CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL

DIVISION OF
OIL, GAS & MINING

Company/Operator: Enron Oil & Gas Company
Well Name & Number: Natural Buttes Unit 310-24E
Lease Number: U-0149076
Location: 1850' FNL & 2100' FEL SW/NE Sec. 24 T. 9S R. 21E
Surface Ownership: Ute Indian Tribe

NOTIFICATION REQUIREMENTS

- Location Construction - forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.
- First Production Notice - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing road
- B. The proposed well site is located approximately 16.8 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off-lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be 100' in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade on access road will be 5%.
- D. No turn outs will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges or major cuts & fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards or fences will be required or encountered.

New or reconstructed roads will be centerline - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossing shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

A Right-of-Way application will be required.

As operator Enron Oil & Gas Company shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION

- A. Water wells - None.
- B. Abandoned wells - Two
- C. Temporarily abandoned wells - None
- D. Disposal wells - None
- E. Drilling wells - None
- F. Producing wells - Eight - See attached TOPO Map "C" for location of producing wells.
- G. Shut in wells - None
- H. Injection wells - None

4. LOCATION OF EXISTING/AND OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Tank batteries - None
- 2. Production facilities will be set on location if well is successfully completed for production. Facilities will consist of well head & valves, separator, dehy, 210 BBL condensate tank, meter house and attaching piping. See attached facility diagram.
- 3. Oil gathering lines - None
- 4. A 3 1/2" gathering line will be buried from dehy to north edge of location.
- 5. Injection lines - None
- 6. Disposal lines - None
- 7. Surface pits - None

B. OFF WELL PAD

- 1. Proposed location of attendant off pad gas flowlines shall be flagged prior to archaeological clearance.
- 2. A 4 1/2" OD steel above ground natural gas pipeline will be laid approximately 900' from proposed location to a point in the SE/NE of Sec. 24, T9S, R20E where it will tie into CIGE's existing line. Proposed pipeline crosses Ute Indian Tribe Lands, thus a Right-of-Way grant will be required. See attached Exhibit A showing pipeline route.
- 3. Proposed gas gathering pipeline will be a 4 1/2" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the west side of location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint colors is Carlsbad Canyon.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc.'s' water source in the SW/SW Sec. 35, T9S, R22E, Uintah County, Utah (State water right #49-1501).
- B. Water will be hauled by Target Trucking Inc.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of location.
- B. All construction material will come from Ute Tribal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
- 4. Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 days period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on drilling rig to avoid leakage of oil to pit.

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in reserve pit or be removed and dispose of at an authorized disposal site. Introduction of well bore hydrocarbons to reserve pit will be avoided by flaring them off in flare pit at time of recovery.

Burning will not be allowed. all trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BIA administered land:

All reserve pits will be lined with either native clay, commercial bentonite or plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit).

— To protect the environment.

If the reserve pit is lined the operator will provide the BIA a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements described by part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.

— To protect the environment (without a chemical analysis).

Reserve pits will be constructed so as not to leak, break, or allow discharge of liquids.

— Storage tanks will be used if drill sites are located on tribal irrigable land, flood plains, or on lands under crop production. After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELL SITE LAYOUT

- A. Refer to attached wellsite plat for related topography cuts and fills & cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approve on On-site.
- C. Refer to attached well site plat for rig orientation parking areas, and access road.

The reserve pit will be located on the northeast side of location.

The flare pit will be located downwind of the prevailing wind direction on the east side of location a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the southeast corner.

Access to the well pad will be from the south.

- NA Diversion ditch(es) shall be construct on the _____ side of the location (above/below) the cut slope, draining to the _____
- NA Soil compacted earthen berm(s) shall be placed on the _____ side(s) of the location between the _____
- NA The drainage(s) shall be diverted around the side(s) of the well pad location _____
- _____ The reserve pit and/or pad locations shall be constructed long and narrow for topographic reasons.
- NA The _____ corner of the well pad will be rounded off to avoid the _____.

FENCING REQUIREMENTS

All pits will be fenced according to the following minimum standards:

- A. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total eight of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16'.
- E. All wire shall be stretched by using a stretching device before is be attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BIA or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly travelled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with OHH 3162 7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be reconfigured to the approximate natural contours. The reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc., will be removed.

Contact appropriate surface management agency for required seed mixture.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and BIA will attach the appropriate surface rehabilitation conditions of approval.

ON BIA Administered lands:

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and, (c) ensuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

11. SURFACE OWNERSHIP

Access road: Ute Indian Tribe
Location: Ute Indian Tribe

12. OTHER INFORMATION

- A. Enron Oil & Gas Company will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of historic Places:

-the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

-if the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guideline for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator Enron Oil & Gas Company will control noxious weeds along Right-of-Ways for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for for stacking and storing drilling rigs.)

On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way authorization". All operators, subcontractors, vendors and their employees or agents may not disturb saleable timber (including firewood without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, and approved right-of-way will be obtained from BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by Ute Indian Tribe, rights-of-way will be obtained from the other entity.

All roads constructed by operators on the Uinta and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (A) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products and (e) only authorized personnel permitted. All well site locations on the Uinta and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footage or the quarter-quarter section, the section, township, and range).

Additional Surface Stipulations

NA No construction or drilling activities shall be conducted between _____ and _____ because of _____

NA No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.

NA No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30.

NA There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).

NA No cottonwood trees will be removed or damaged.

NA Pond will be constructed according to BLM specifications approximately _____ ft. _____ of the location, as flagged on onsite.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Enron Oil and Gas Company
P.O. Box 1815
Vernal, Utah 84078
George McBride
Telephone: (801) 789-0790

Enron Oil and Gas Company
P.O. Box 250
Big Piney, Wyoming
Jim Schaefer
Telephone: (307) 276-3331

All lease/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. Enron Oil & Gas Company is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities

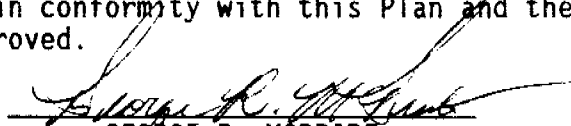
The BIA Office shall be notified upon site completion prior to moving on the drilling rig.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the Plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed here in will be performed by ENRON OIL & GAS COMPANY and its contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

September 23, 1992

DATE



GEORGE R. MCBRIDE
SR PRODUCTION FOREMAN

lw

NBU310-24EPP

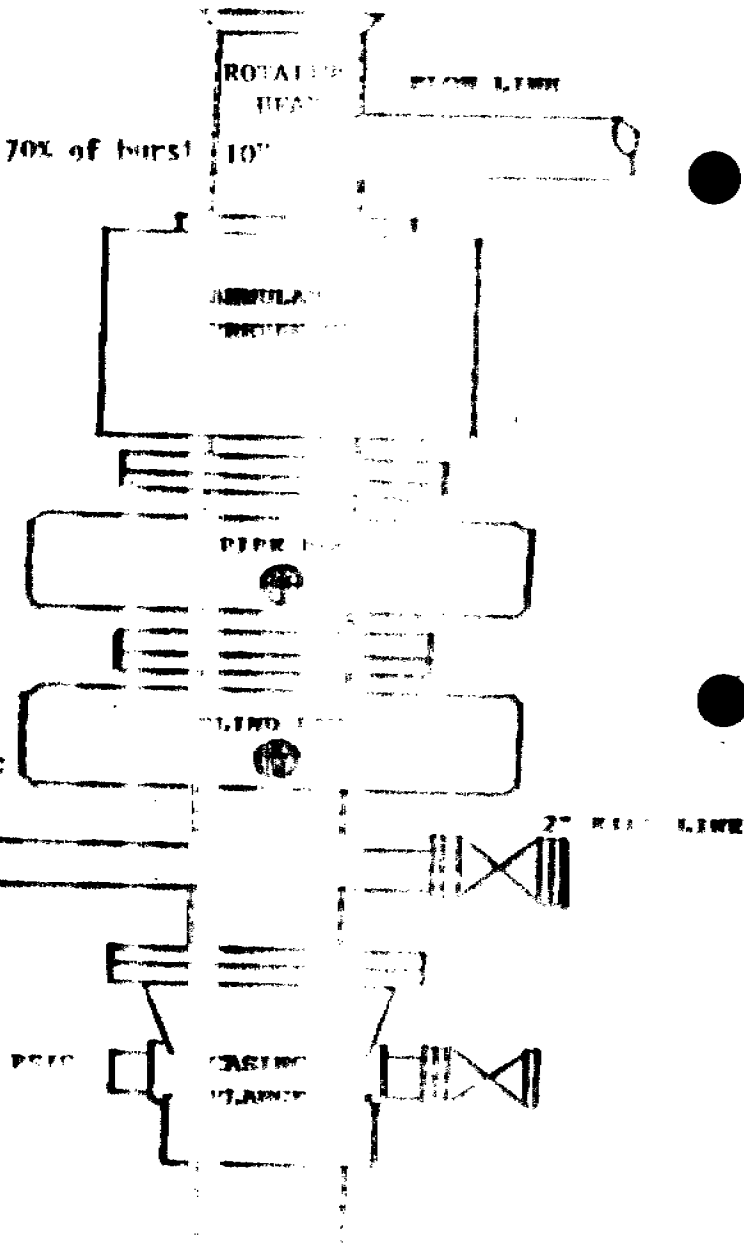
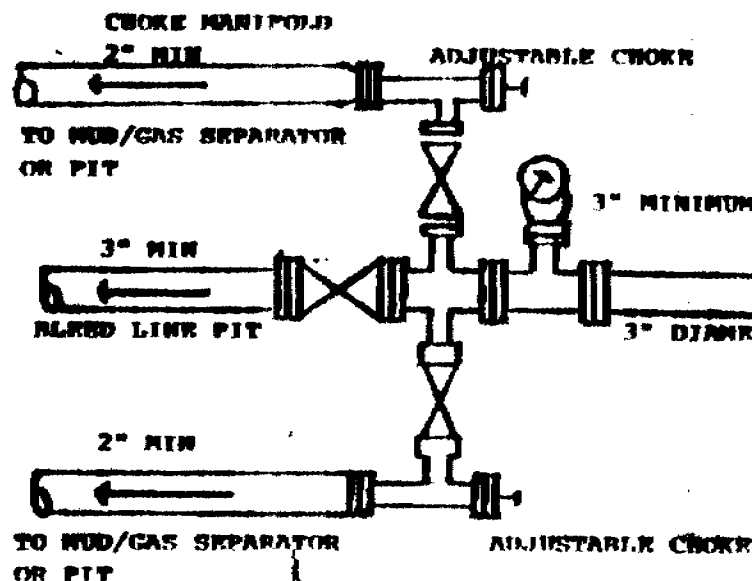
2000 PSIG BOP DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED.
CASING FLANGE IS 11" 3000 PSIG RATED.
BOPE 11" 2000 PSIG

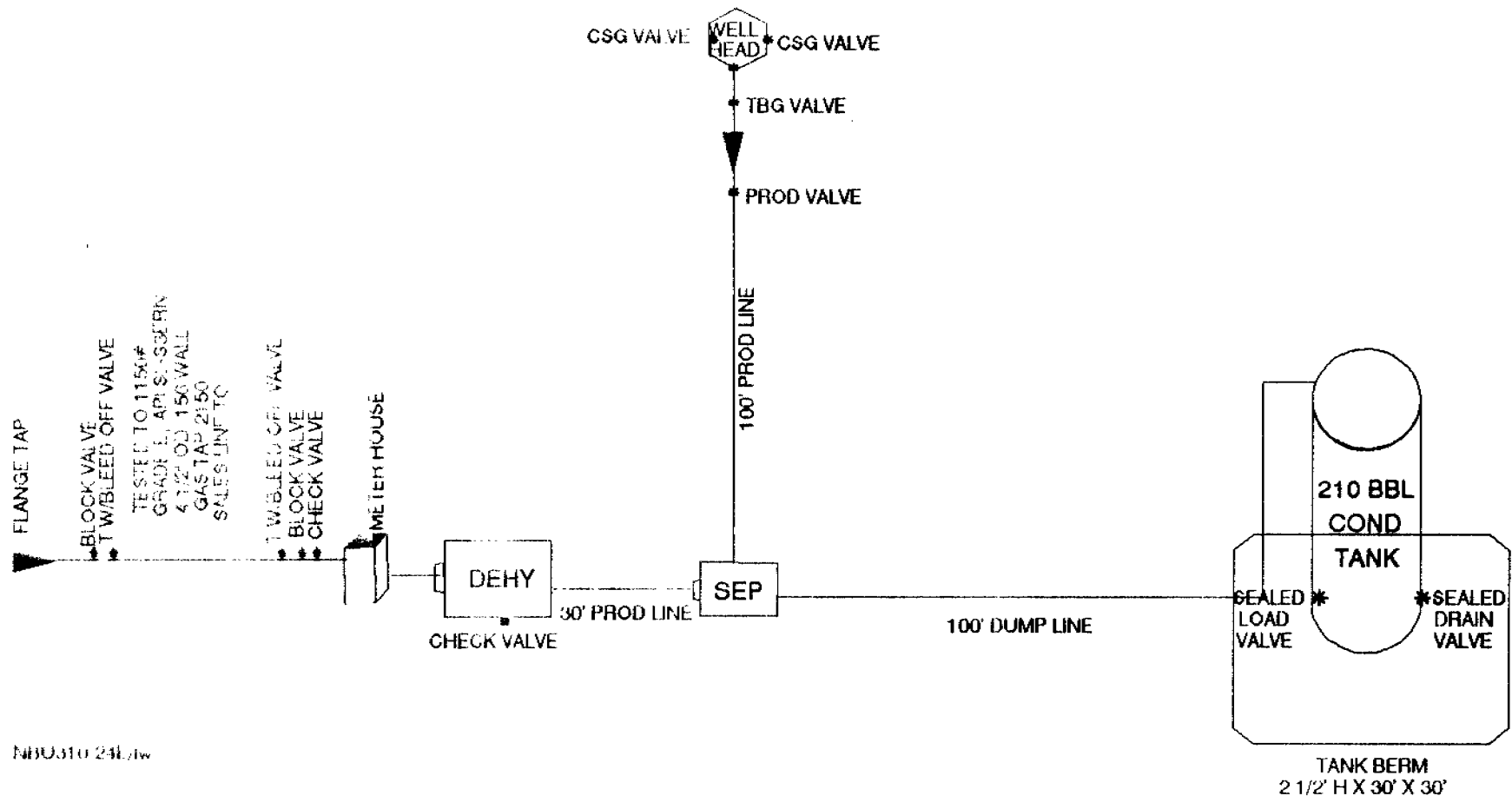
TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 2000 psig.
3. Annular preventor will be tested to 50% of working pressure, 1500 psig.
4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 2000 psig BOPE specifications.

H:\DOC\BOP\TAH.DIA



NATURAL BUTTES UNIT 324-10E
SECTION 24, T9S, R21E
UINTAH COUNTY, UTAH
FEDERAL LEASE #U-0149076
UTE TRIBAL SURFACE



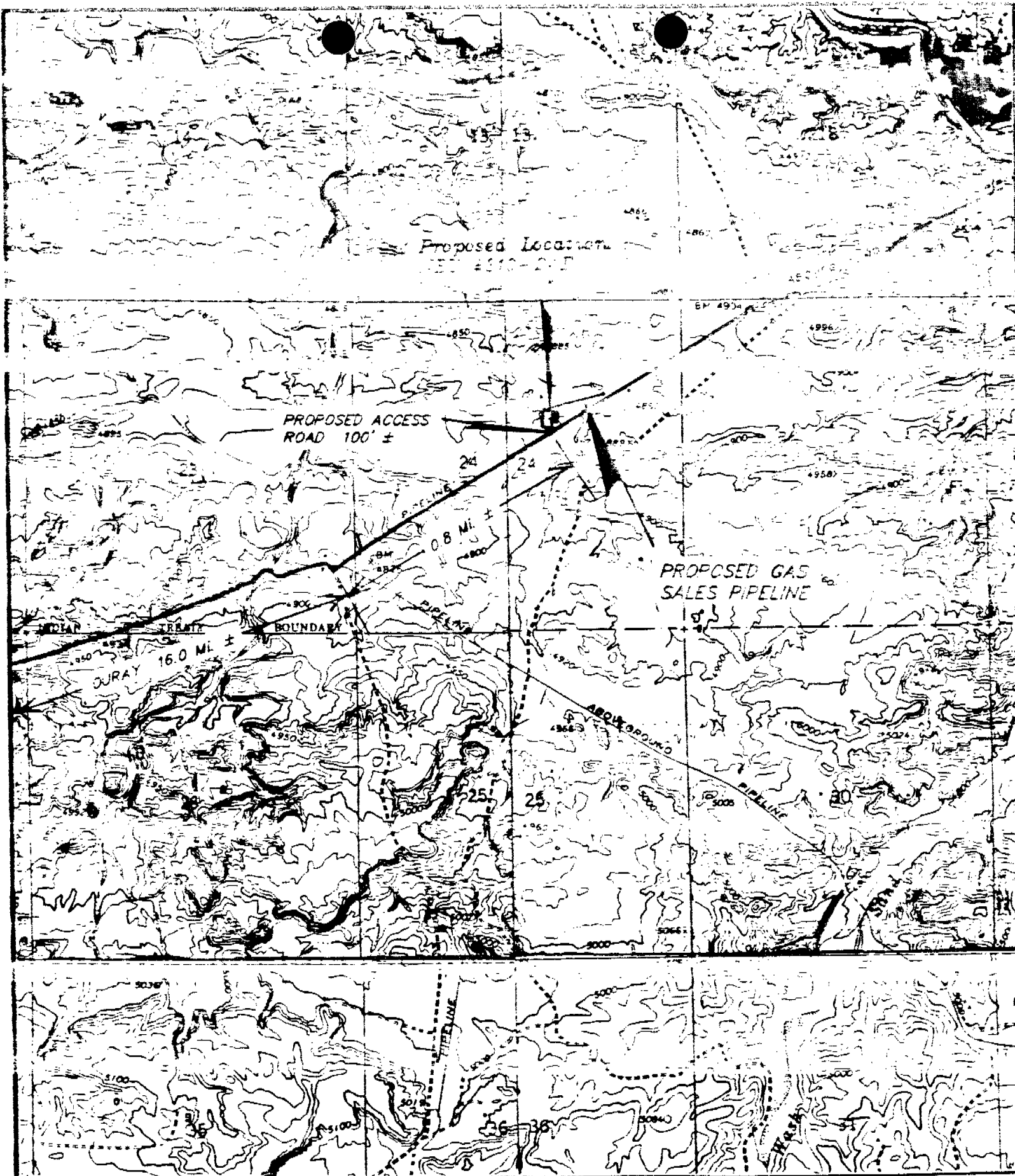


EXHIBIT "A"
GAS SALES PIPELINE

SCALE: 1" = 2000'
 DATE: 5-23-91 R.E.H.



ENRON OIL & GAS CO.

NBU #310-24E
 SECTION 24, T9S, R21E, S.L.B.&M.

DRILLING PROGRAM

Date: August 13, 1992

REVISION NO. & DATE: _____

PROSPECT: NATURAL BUTTES UNIT LEASE: U-0149076 (0050691-000)

WELL NAME & NUMBER: Natural Buttes Unit 310-24E

WELL CLASSIFICATION: DW-GAS ANTICIPATED PRODUCTION: OIL GAS X OTHER

LOCATION CALL: 1850' FNL & 2100' FEL (SW NE)
Section 24, T9S, R21E
Uintah County, Utah

ELEVATION: NA

DIRECTION LIMITATIONS: Maximum deviation for the hole will be 6° w/no more
than a 1°/100' dogleg severity. See page number 4 for distance between
surveys.

TYPE RIG: Land Rotary APPROVED DEPTH: 6950' PERMIT DEPTH: 6950'

CONDUCTOR NEEDED? No If yes, size & how set: _____

CRITERIA FOR DETERMINING CASING SEAT FOR CRITICAL STRINGS: WOC overnight
before cutting off surface casing to weld on head.

CENTRALIZERS (DEPTH & TYPE):
Surface - One 5-10' above shoe & top of first, second & fourth joint.
Production - One @ middle of 1st jt & every third collar to 4500'±.

RECEIVED

SEP 30 1992

DIVISION OF
OIL GAS & MINING

WELL NAME: NATURAL BUTTLE UNIT 351-247

STAGE COLLARS, BASKETS, OTHER SPECIAL EQUIPMENT:

Surface - Guide shoeProduction - Guide shoe and differential fill float collar with top plug.

Marker joints @ 3000'± and 5000'±.

PUMPING RATES, SPECIAL INSTRUCTIONS: Reciprocate casing if possibleLOGGING PROGRAM: DLL/GR from TD to base of surface casing.FOC/DBH/CF/caliper from TD to 100' above Green River "H" marker.Continue caliper to desired top of cement.CORES: None are anticipated.SAMPLES: Collect 30' samples from below surface casing to 4450'±. Collect 10' samples from 4450'± to TD.FORMATION TESTS: None are anticipated.MUD LOGGING: (Includes services & depth): From 4450'± to TD.DETECTION & CONTROL EQUIPMENT: 10" 2000 psig BOP with blind and pipe rams.10" Annular Preventor. 10" rotating head. Test manifold & BOP's to 2000 psig.annular preventor to 1500 psig, surface casing to 1500 psig.Use certified pressure testing service company and leave a copy of the test chart in the doghouse until rig down.COMPLETION PROGRAM: To be submitted at a later date.OTHER SERVICES: None are anticipated.

WELL NAME: NATURAL BUTTE UNIT 100-241

FORMATION TOPS & DEPTHS (TENTATIVE)

FORMATION NAME & TYPE	ESTIMATED DEPTH (EL)	DATUM	THICKNESS & REMARKS
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See attached Prognosis.

X-MAS TREE. 10" 2000# weld on casing head. 6' 5000# x 10" 3000# taper
 spool. 2-1/16" 5000# master valves.

MUD PROGRAM

DEPTH INTERVAL	MUD WEIGHT	VIS	WL (cc)	TYPE OF MUD
0' to 240'				Air
240' to 4000'				Air/Mist & Aerated Water
4000' to TD				Aerated 3% KCl water or KCl substitute.
TD	8.5-9.2	38-45	10-15	Gel/polyacrylamide polymer w/5-10% LCM.

DRILLING HAZARDS & SPECIAL INSTRUCTIONS

Lost circulation from 1500' to 3000'±. Underbalanced circulation system will require rotating head. Potential gas kicks in Green River and Wasatch. Potential shale swelling/sloughing problems. Meter air & add foamer to maximize consistency of returns & maintain stable pit levels. Utilize pack off head while running open hole logs. Mix 700-800 bbls mud @ TD as above & displace hole prior to tripping for logs.

WELL NAME: NATURAL BRIDGE UNIT 20-1-1F

CEMENT PROGRAM

HOLE SIZE	CASING SIZE	DEPTH	CEMENT PROCEDURE
12 1/4"	9 5/8"	240'	Cement w/125 sx Class "G" cement + 2% CaCl ₂ - 1/2% sx celloflake. Circulate gelled water ahead of slurry.
7 7/8"	4 1/2"	6950'	Cover interval from TD to 4500' w/50/50 Pozmix + 2% gel + 10% salt. Volume to be calculated from caliper log annular volume to 4500' plus 10% excess. Cover interval from 4500' to depth specified in conditions of approval with light cement plus specified additives. Volume to be calculated from caliper log annular volume from 4500' to applicable upper depth plus 5% excess. Circulate casing 2 hrs before cementing. Reciprocate casing during cementing. Pump 10 bbls mud flush ahead of slurry.

CASING PROGRAM

INTERVAL				WEIGHT			MINIMUM SAFETY FACTOR		
SIZE	FROM	TO	LENGTH	#/FT.	GRADE	THREAD	COLLAPSE (psig)	BURST (psig)	TENSILE (psig)
9-5/8"	0'	240'	240'	32.3#	H-40	ST&C	1400	2270	254,000
4-1/2"	0'	6950'	6950'	10.5#	J-55	ST&C	4010	4790	146,000

SURVEY SCHEDULE

DEPTH	DISTANCE BETWEEN SURVEYS	MAX DEVIATIONS FROM VERTICAL	MAXIMUM CHANGE DEGREES/100'
0' to 240'	240'	1 degree	1 degree
240' to TD	500' (or as needed)	6 degrees	1 degree

PREPARED BY: Jim R. Schaefer Sr. Production Engineer
 APPROVED BY: Dennis J. Brabec Drilling Superintendent
 APPROVED BY: C. C. Parsons District Manager

APPROXIMATE YARDAGES

(12") Topsoil Stripping	= 2,200 Cu. Yds.
Remaining Location	= 3,810 Cu. Yds.
TOTAL CUT	= 6,010 CU.YDS.
FILL	= 1,020 CU.YDS.

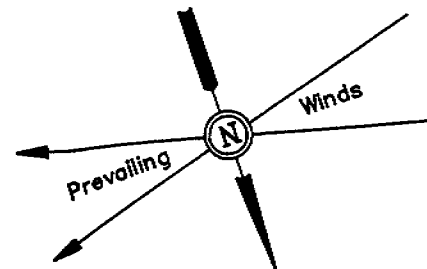
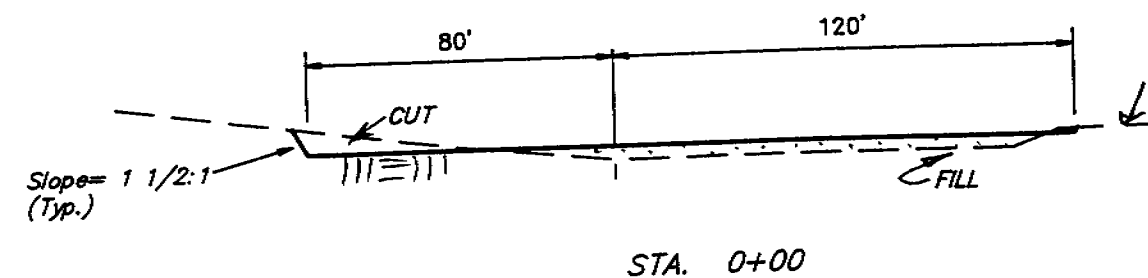
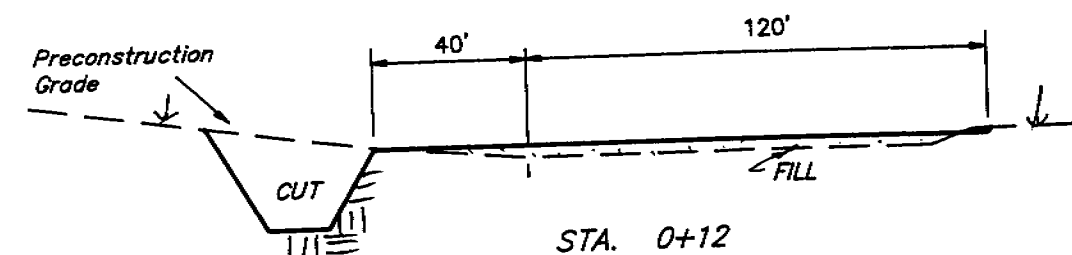
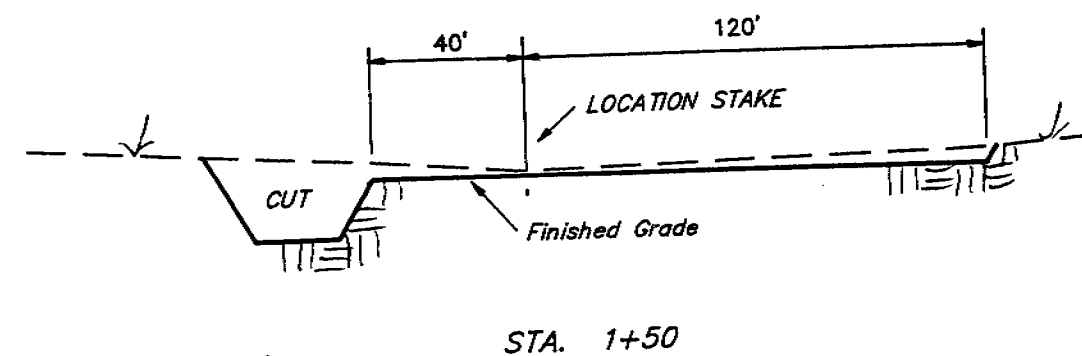
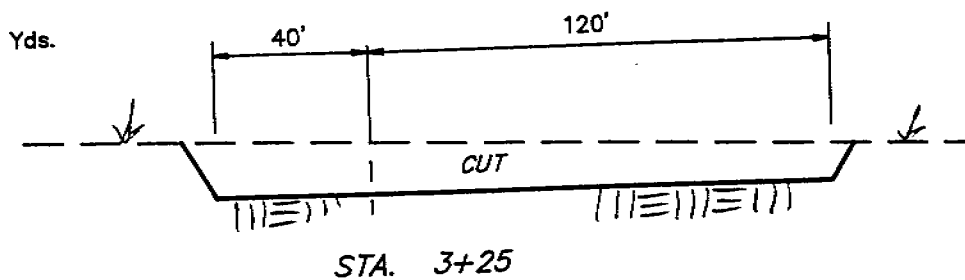
EXCESS MATERIAL AFTER 5% COMPACTION	= 4,940 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,820 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 2,120 Cu. Yds.

ENRON OIL & GAS CO.

LOCATION LAYOUT FOR

NBU #310-24E

SECTION 24, T9S, R21E, S.L.B.&M.



SCALE: 1" = 50'
DATE: 5-17-91
Drawn By: J.R.S.

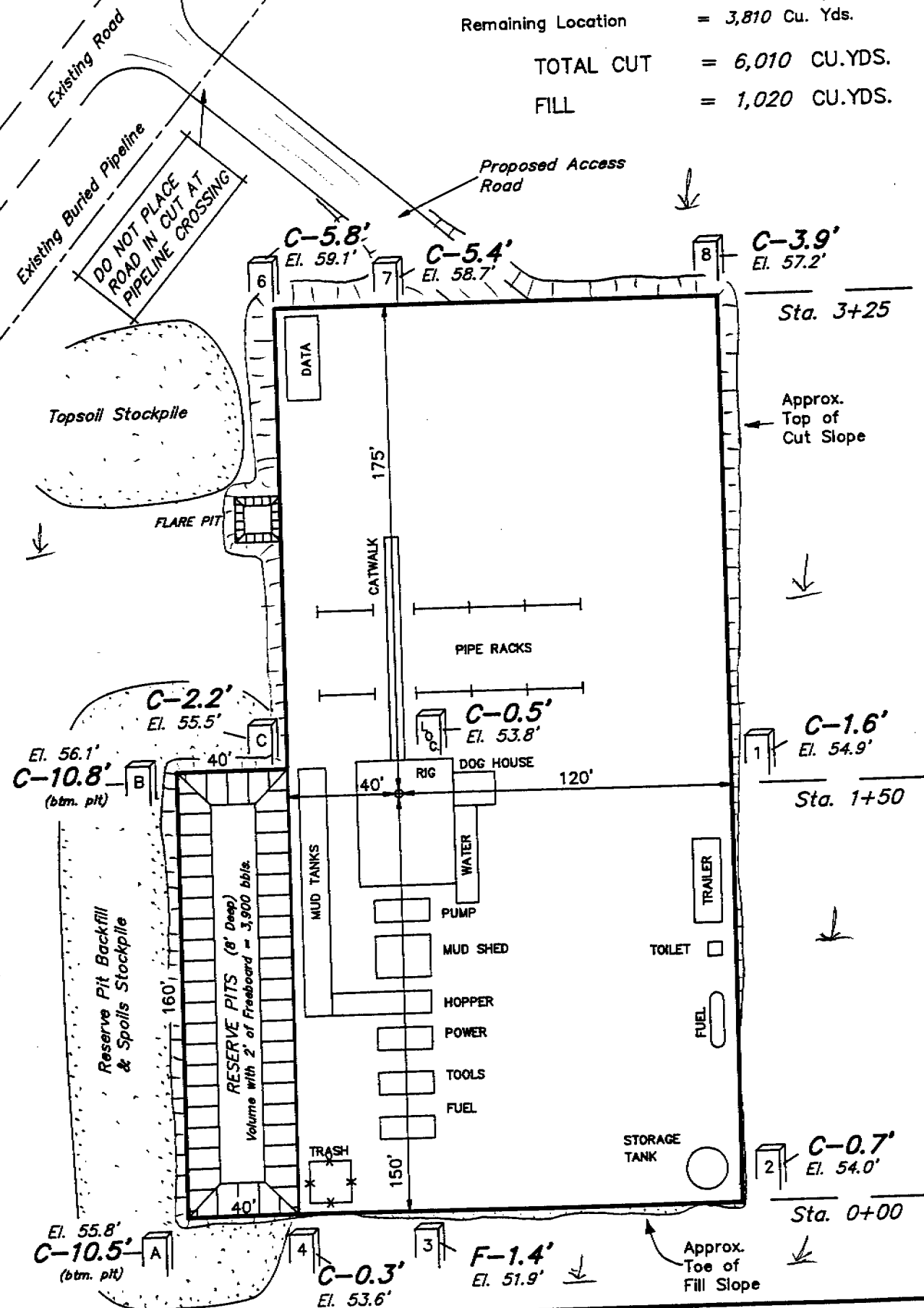
X-Section Scale
1" = 20'
1" = 50'

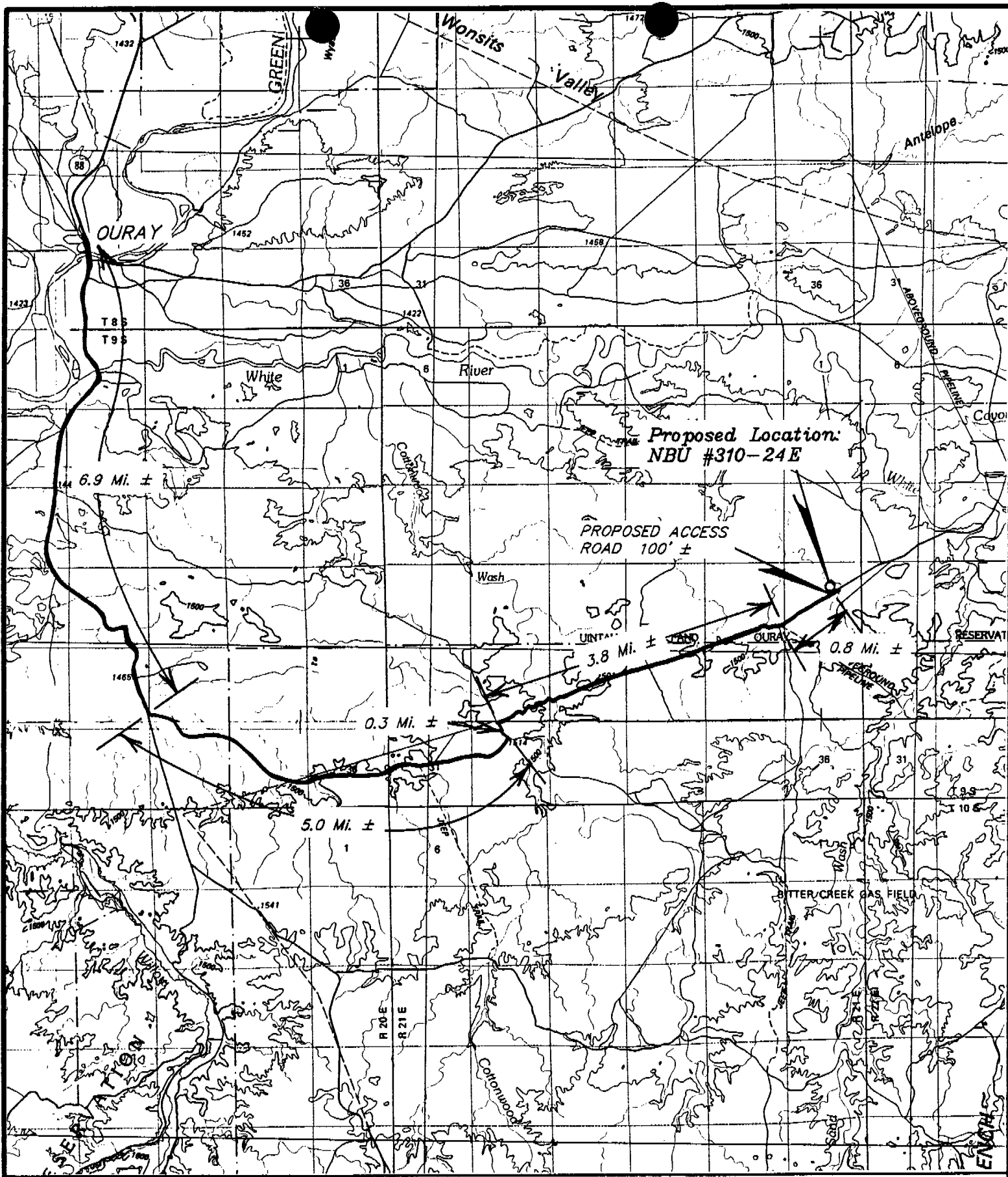
TYP. LOCATION LAYOUT
TYP. CROSS SECTIONS

Elev. Ungraded Ground at Location Stake = 4853.8'

Elev. Graded Ground at Location Stake = 4853.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East Vernal, Utah





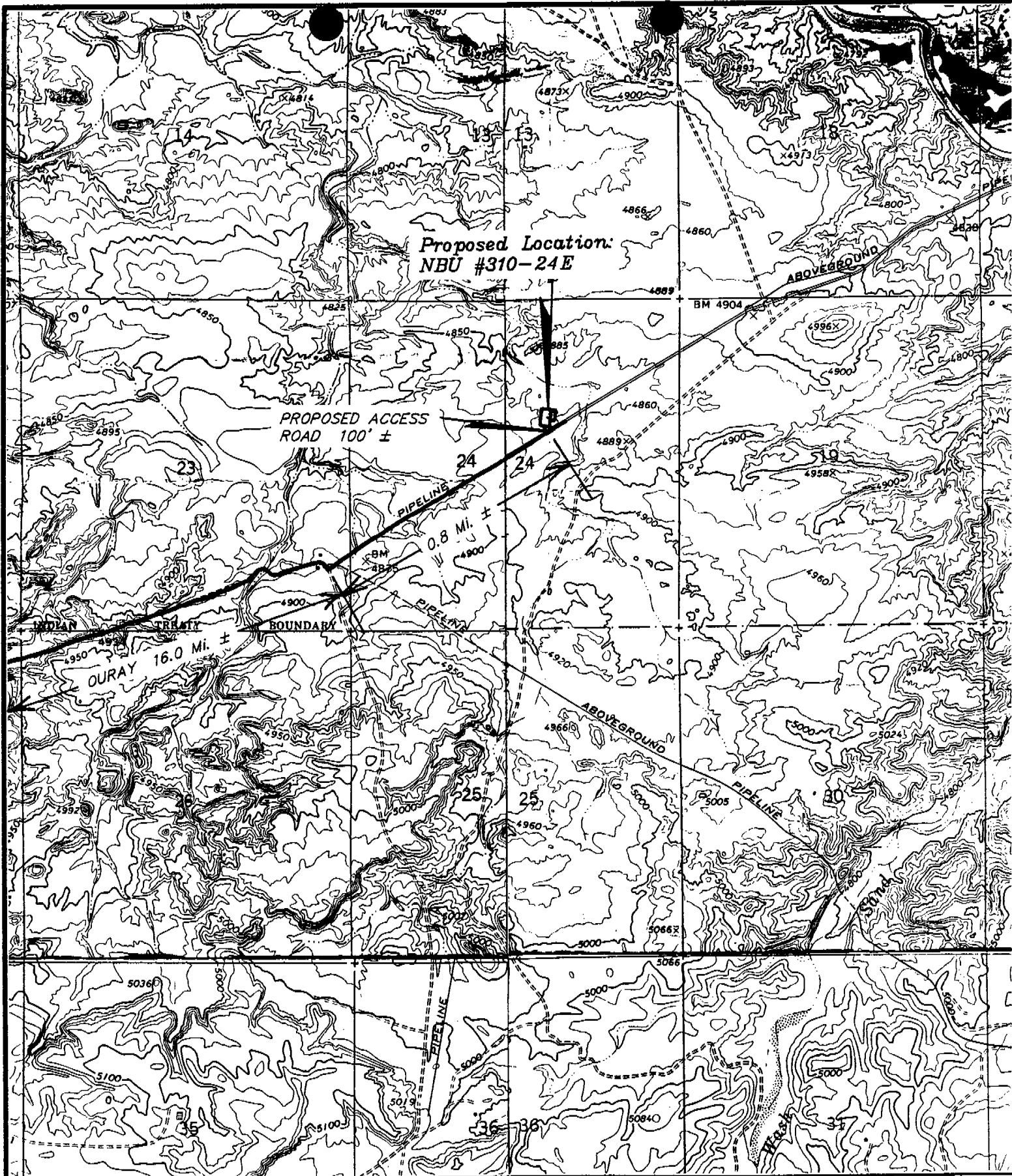
TOPOGRAPHIC
MAP "A"

DATE: 5-23-91 R.E.H.



ENRON OIL & GAS CO.

NBU #310-24E
SECTION 24, T9S, R21E, S.L.B.&M.



TOPOGRAPHIC
MAP "B"

SCALE: 1" = 2000'

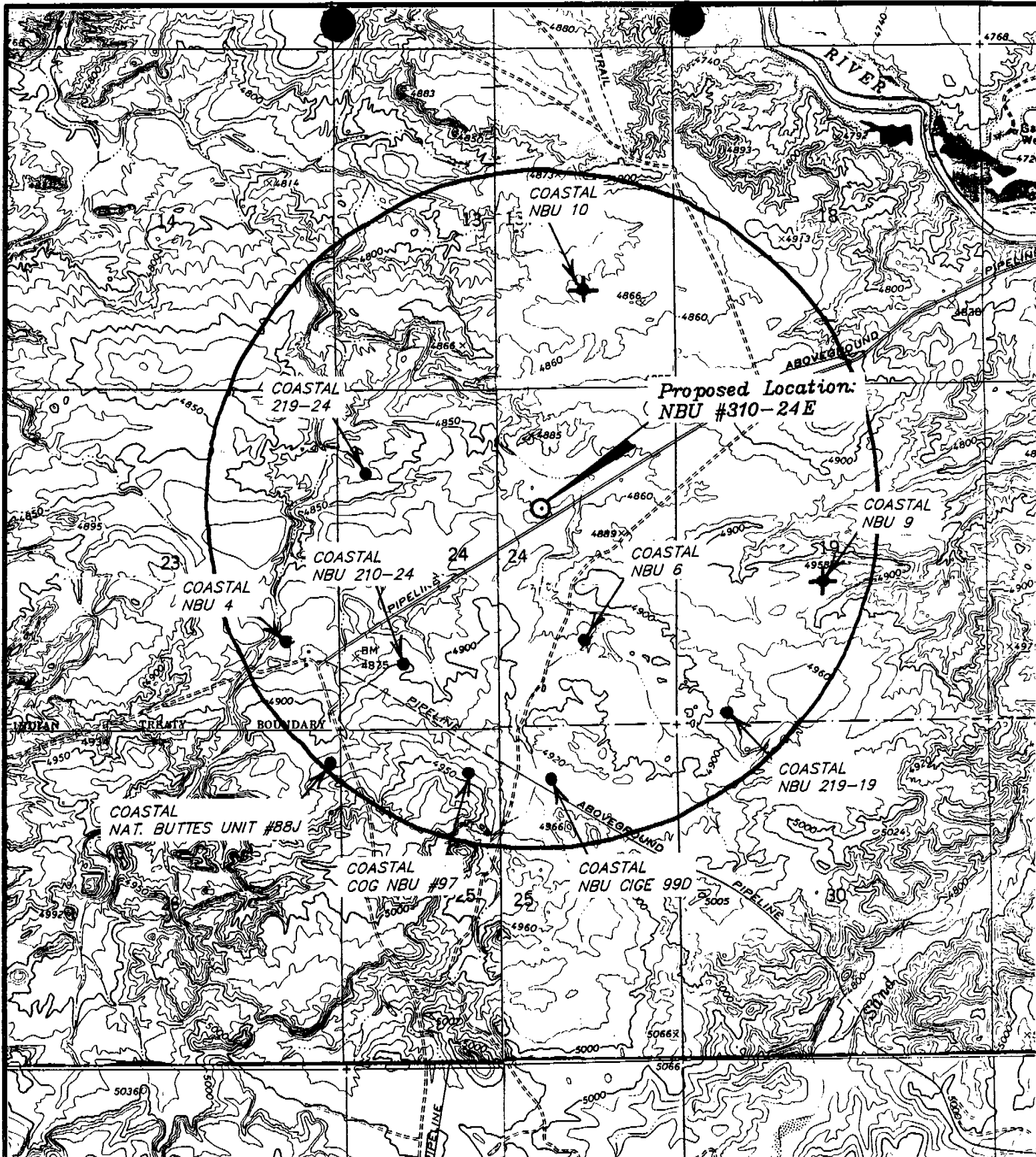
DATE: 5-23-91 R.E.H.



ENRON OIL & GAS CO.

NBU #310-24E

SECTION 24, T9S, R21E, S.L.B.&M.



LEGEND:

- ◊ = Water Wells
- = Abandoned Wells
- ◐ = Temporarily Abandoned Wells
- ◑ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells



ENRON OIL & GAS CO.

NBU #310-24E
SECTION 24, T9S, R21E, S.L.B.&M.
T O P O M A P " C "

DATE: 5-23-91 R.E.H.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 09/30/92

OPERATOR: ENRON OIL AND GAS COMPANY
WELL NAME: NBU 310-24E

OPERATOR ACCT NO: N- 0401

API NO. ASSIGNED: 43-047-30380

LEASE TYPE: FED LEASE NO: 1-0149070
LOCATION: SWNE 24 - T09S - R21E UINTEA COUNTY
FIELD: NATURAL BUTTES FIELD CODE: 1030

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond
☒ (Number federal)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
☒ (Number 49-1501)
☒ RDCC Review (Y/N)
☐ (Date: _____)

LOCATION AND SITING:

☒ R649-2-3. Unit: Natural Buttes
☐ R649-3-2. General.
☐ R649-3-3. Exception.
☐ Drilling Unit.
☐ Board Cause no: _____
☐ Date: _____

COMMENTS:

Included in 90 PDD approved 4-30-90.
Oil shale and
Designation of Agent included in file.

STIPULATIONS:

Oil shale



Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

October 1, 1992

Enron Oil and Gas Company
P.O. Box 1815
Vernal, Utah 84078

Gentlemen:

Re: Natural Buttes Unit 310-24E Well, 1850 feet from the north line, 2100 feet from the east line, SW 1/4 NE 1/4, Section 24, Township 9 South, Range 21 East, Uintah County, Utah

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.


Page 2
Enron Oil and Gas Company
Natural Buttes Unit 310-24E Well
October 1, 1992

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32380.

Sincerely,



R.J. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Bureau of Land Management
J.L. Thompson
WOI1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

2. TYPE OF WELL

CEN
WELL ☐

GAS
WELL ☒

OTHER ☐

NOV 19 1992

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

Enron Oil & Gas Company

4. ADDRESS OF OPERATOR

P.O. Box 1815, Vernal, Utah 84058

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1850' FNL & 2100' FEL SW/NE

At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

16.8 Miles Southwest of Ouray, Utah

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

1850'

8. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2230'

9. ELEVATIONS (Show whether DF, RT, GR, etc.)

4853' Graded Ground

10.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3#	240'	125 sx Class "G" + 2% CaCl ₂
7 7/8"	4 1/2"	10.5#	6950'	+ 1/4 #/sx celloflake. 50/50

SEE ATTACHMENTS FOR:

8 Point Plan
Drilling Program
BOP Schematic
Surface Use and Operating Plan
Location Plat
Location Layout
Topographic Maps "A", "B", and "C"
Gas Sales Pipeline Exhibit "A"

RECEIVED
SEP 24 1992

Enron Oil & Gas Company will be the
designated operator of the subject
well under Nation Wide Bond #81307603

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

11.

SIGNED

Linda L. Wace

TITLE

Sr. Admin. Clerk

DATE 9/23/92

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

ASSISTANT DISTRICT
MANAGER MINERALS

DATE NOV 12 1992

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

NOTICE OF APPROVAL

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELL LOCATION INFORMATION

Company/Operator: Enron Oil & Gas Company
API Number: 43-047-32380
Well Name & Number: NBU 310-24E
Lease Number: U-0149076
Location: SWNE Sec. 24 T. 9S R. 21E
Surface Ownership: Tribal Lands administered by BIA
Date NOS Received: October 24, 1991
Date APD Received: September 24, 1992

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for a 2M system for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale zone, identified at \pm 2,390 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 2190 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 789-3634

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

B. SURFACE USE PROGRAM

Environmental Analysis Report REMARKS: 6. MITIGATION CONDITIONS OF APPROVAL:
See Attached Environmental Analysis Report. STRICT ADHERENCE TO THE PROVISIONS
FOR MITIGATION ARE REQUIRED.

The Ute Tribe Energy & Minerals Department has the following stipulations:

1. Company must notify Ute Tribe for monitoring of the construction of access road and wellsites by Energy & Minerals technician.
2. Construction work to be done on project as authorized for right-of-way only. Construction work must stay within approved area only, in the event work area exceeds approved area the Ute Tribe will be notified for further mitigation.
3. In event any archaeological/paleontological findings are encountered or exposed during construction the Ute Tribe Energy & Minerals Department shall be contacted and consulted for further mitigation.
4. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the areas examined, as referenced in report, and to the existing roadway or access routes.
5. All personnel should refrain from collecting artifacts and from disturbing any significant cultural/paleontological resources on all tribal lands.

6.0 MITIGATION CONDITIONS OF APPROVAL

VEGETATION/LANDSCAPE

1. Landscape disturbance cannot be effectively mitigated at this time. However, before the site is abandoned the company will be required to restore the well pad, access roads, and pipeline rights-of-way to near their original state. The disturbed area will be reseeded with desirable perennial vegetation and the seed will be covered with a weed free organic mulch.
2. Noxious weeds will be controlled on all well sites and rights-of-way. If noxious weeds spread from the well sites or rights-of-way, the company will also be responsible for their control.

SOILS/RANGE/WATERSHEDS

1. Soil erosion will be mitigated by reseeding all disturbed areas and by installing the following practices:

Fencing will be required around the reserve pit and will be constructed and maintained to Bureau of Land Management specifications, as described in the APD under Well-site Layout.
2. Salt and pollution loading of the soil and geological formations will be mitigated by requiring the oil company to:
 - a. Line reserve pits with impervious synthetic liners.

- c. Use a closed production system. (See Item 8.0-A)
 - d. Emergency pits will be lined with a synthetic liner or a man made container. (See Item 8.0-A)
 - e. Production water, oil, and other by-products will not be applied to roads or well pads for the control of dust or weeds. Indiscriminate dumping of oil field by-products on tribal lands will not be allowed.
- 3. When the well is plugged and/or abandoned the gravel and road base hauled in to construct the well pad and access roads will be incorporated into the soil.
 - 4. Soil compaction of the well pads and roads will be mitigated by ripping (minimum depth 24").

CULTURAL RESOURCES

All well sites, access roads, and pipeline rights-of-way will be cleared by a qualified archaeologist/paleontologist so that cultural sites will be avoided or salvaged.

8.0 CUMULATIVE IMPACTS

- A. Each additional well drilled for development increases the soil erosion potential, reduces wildlife habitat and grazing, increases potential soil and geologic pollution resulting from salt loading, reduces the soil's potential to recover, and increases the potential of water pollution from produced waters and hydro-carbons. Therefore, strict conformance with the mitigation measures and recommendations in this document is emphasized to minimize the adverse environmental impacts.

Additional Surface Conditions of Approval

The operator should note the proximity of the large buried flowline to the location. This is indicated on the layout diagram. An access road crossing and the flare pit should be designed with it in mind. As stated in the APD: "the flare pit will be located downwind of the prevailing wind direction on the east side of the location a minimum of 100 ft. from the well head and 30 ft. from the reserve pit fence" unless a variance is applied for in writing and granted by the AO.

DATE:

**REPLY TO
ATTN OF:**

SUBJECT:

Concurrence Letter for Enron Oil & Gas Company,
NEU #310-24 NE1/4 Section 24 T.9S., R.21 E., S.L.B.&M.
NEU #355-19E NW1/4 Section 19 T.9S., R.21 E., S.L.B.&M.
 Bureau of Land Management, Vernal District Office
 Attention: Mr. Paul Andrews, Area Manager

RECEIVED

NOV 10 1992

YES x NO _____ Listed threatened or endangered species
YES x NO _____ Critical wildlife habitat
YES x NO _____ Archeological or cultural resources
YES _____ NO _____ Air quality aspects (to be used only if project
is in or adjacent to a Class I area of
attainment)
YES _____ NO _____ Other (if necessary)

Environmental Analysis Report REMARKS:6. MITIGATION STIPULATIONS:
See Attached Environmental Analysis Report. STRICT ADHERANCE TO THE
PROVISIONS FOR MITIGATION ARE REQUIRED.

1. Company must notify Ute Tribe for monitoring of the construction of access road and wellsites by Energy & Minerals technician.
2. Construction work to done on project as authorized for right-of-way only. Construction work must stay within approved area only, in the event work area exceeds approved area the Ute Tribe will be notified for further mitigation.
3. In event any archeological/paleontological findings are encountered or exposed during construction the Ute Tribe Energy & Minerals Department shall be contacted and consulted for further mitigation.
4. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the areas examined, as referenced in report, and to the existing roadway or access routes.
5. All personnel should refrain from collecting artifacts and from disturbing any significant cultural/paleontological resources on all tribal lands.

[Signature]

ENRON

OIL & GAS COMPANY

P.O. BOX 1815, VERNAL, UTAH 84078 (801)789-0790

November 19, 1992

RECEIVED

NOV 23 1992

DIVISION OF
OIL GAS & MINING

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

RE: Natural Buttes Unit 310-24E
Sec. 10,, T9S, R21E
Uintah County, Utah

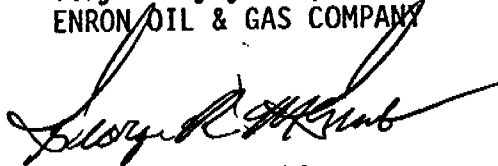
Attn: Ed Forsman:

Dear Mr. Forsman:

Please find attached 3 (three) Sundry Notices showing new footages on subject well. Location was moved to avoid CIG's buried pipeline.

If you have any questions or need additional information, please contact this office.

Very truly yours,
ENRON OIL & GAS COMPANY



George R. McBride
Sr. Production Foreman

cc: ~~Division of Oil Gas & Mining~~
Big Piney Office
Doug Weaver/Toni Miller
Suzanne Saldivar - Houston
Diane Cross - Houston
File

/lwSundry

(November 1983)

(Formerly 9-331)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*

(Other instructions on

reverse side)

Form approved.

Budget Bureau No. 1004-0135

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT-" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0149076	
2. NAME OF OPERATOR ENRON OIL & GAS COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE TRIBAL SURFACE	
3. ADDRESS OF OPERATOR P.O. BOX 1815, VERNAL, UTAH 84078		7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1850' FNL & 2100' FEL SW/NE		8. FARM OR LEASE NAME NATURAL BUTTES UNIT	
		9. WELL NO. 310-24E	
		10. FIELD AND POOL OR WILDCAT NBU/WASATCH	
		11. SEC., T., R., M., OR BLK, AND SURVEY OR AREA SEC. 24, T9S, R21E	
14. PERMIT NO. 43-047-32380	15. ELEVATIONS (show whether DF, RY, GR, etc.) 4853' GR	12. COUNTY OR PARISH UINTAH	13. STATE UTAH

16. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <input type="checkbox"/>	
(Other) LOCATION MOVE - CORRECT FOOTAGES	<input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion of Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enron Oil & Gas Company has moved the subject well location to avoid CIG'S buried pipeline. The correct footages are:

1800' FNL & 2106' FEL SW/NE

RECEIVED

NOV 23 1992

**DIVISION OF
OIL GAS & MINING**

18. I hereby certify that the foregoing is true and correct			
SIGNED <u><i>Linda L. Wau</i></u>	TITLE Sr. Admin. Clerk	DATE 11/19/92	
(This space for Federal or State office use)			
APPROVED BY	TITLE	DATE	
CONDITIONS OF APPROVAL, IF ANY:			

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

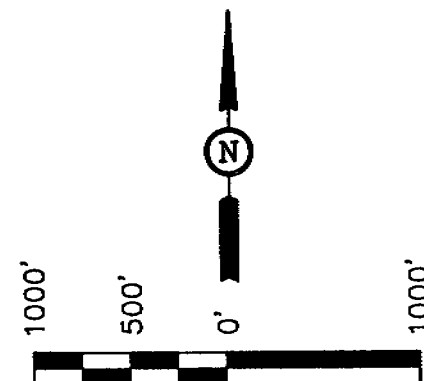
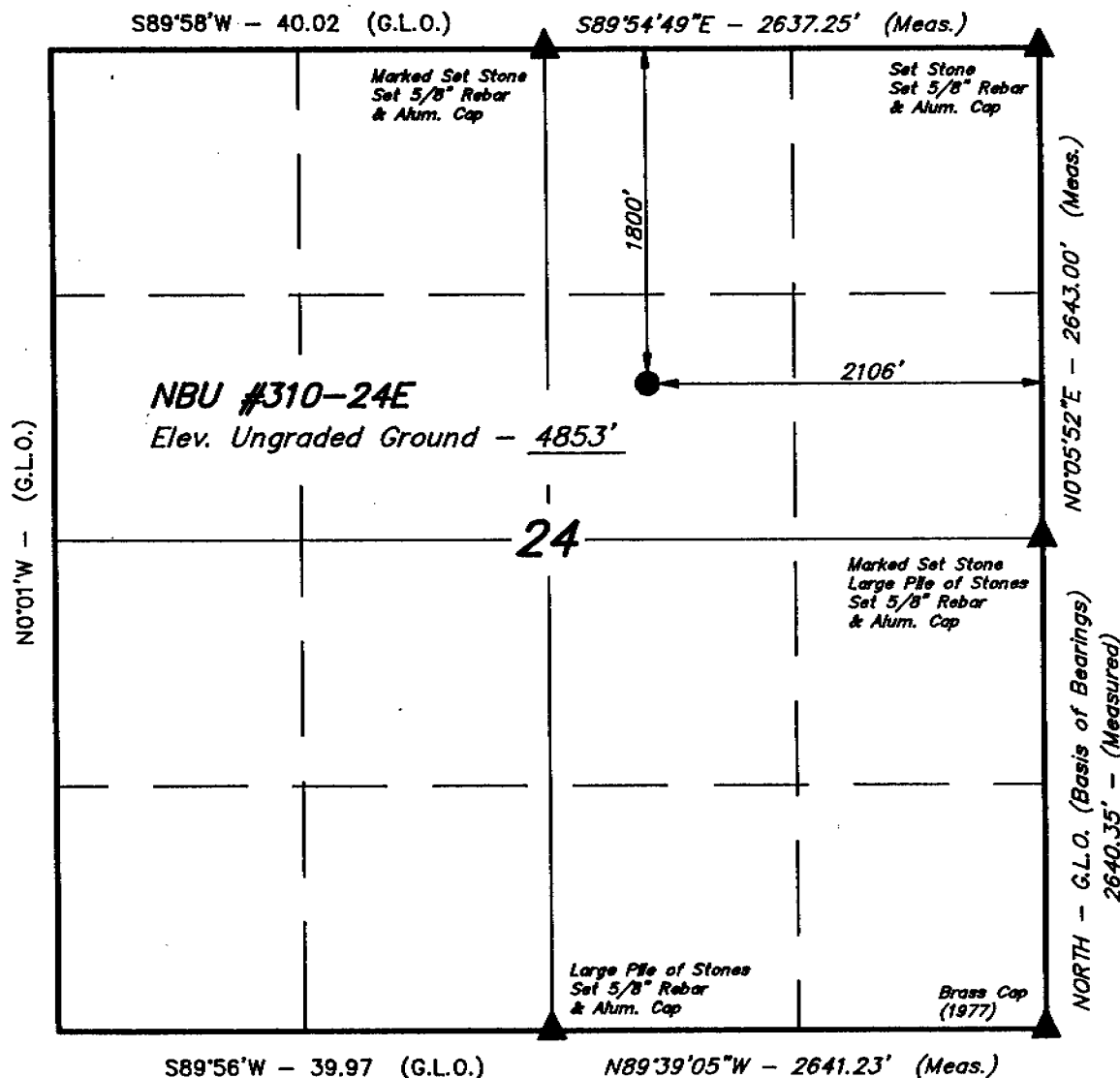
T9S, R21E, S.L.B.&M.

ENRON OIL & GAS CO.

Well location, NBU #310-24E, located as shown in the SW 1/4 NE 1/4 of Section 24, T9S, R21E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHEAST CORNER OF SECTION 24, T9S, R21E, S.L.B.&M. TAKEN FROM THE RED WASH SW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4889 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Key
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 5709
 STATE OF UTAH

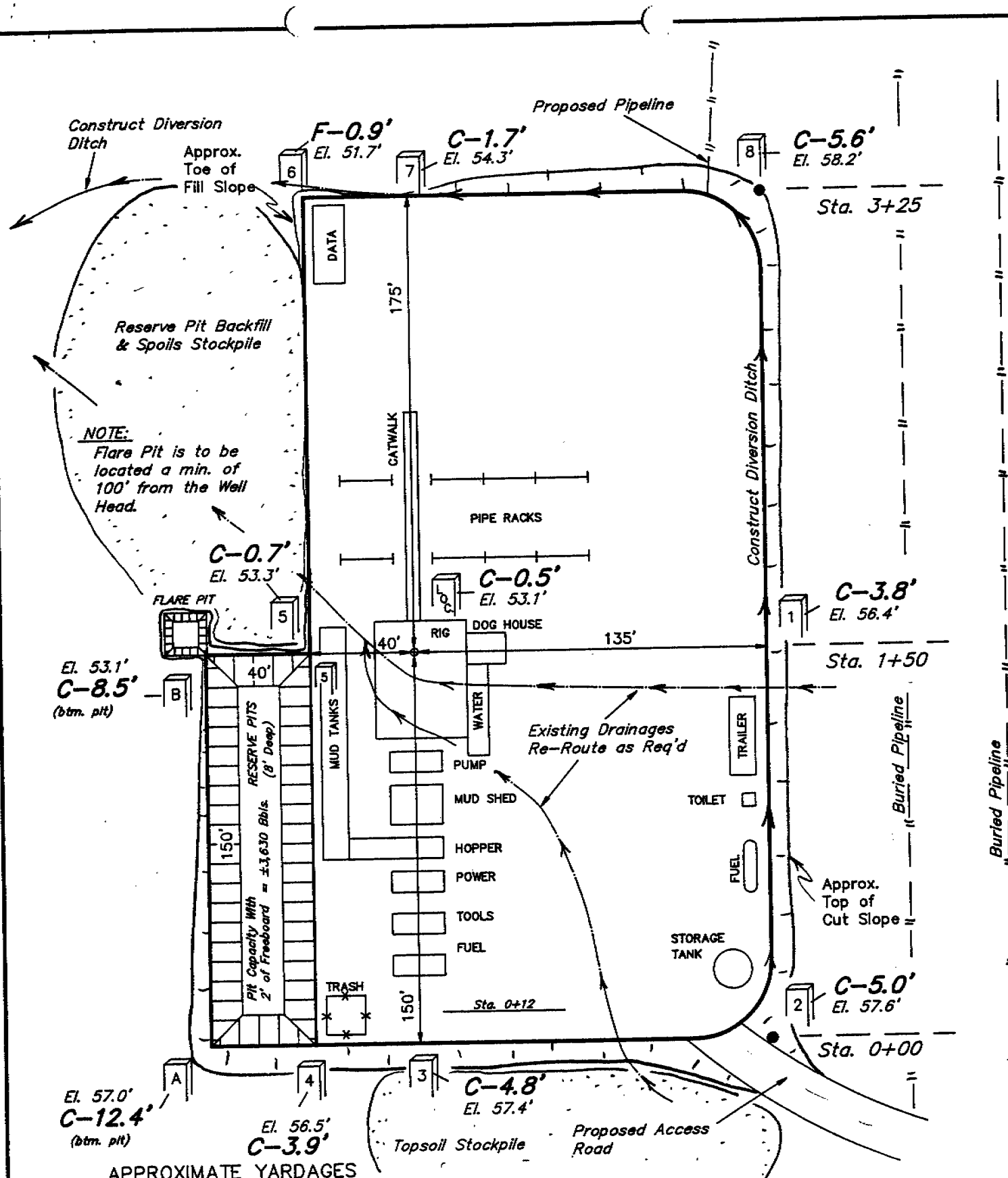
REVISED: 11-18-92 R.E.H.

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (801) 789-1017

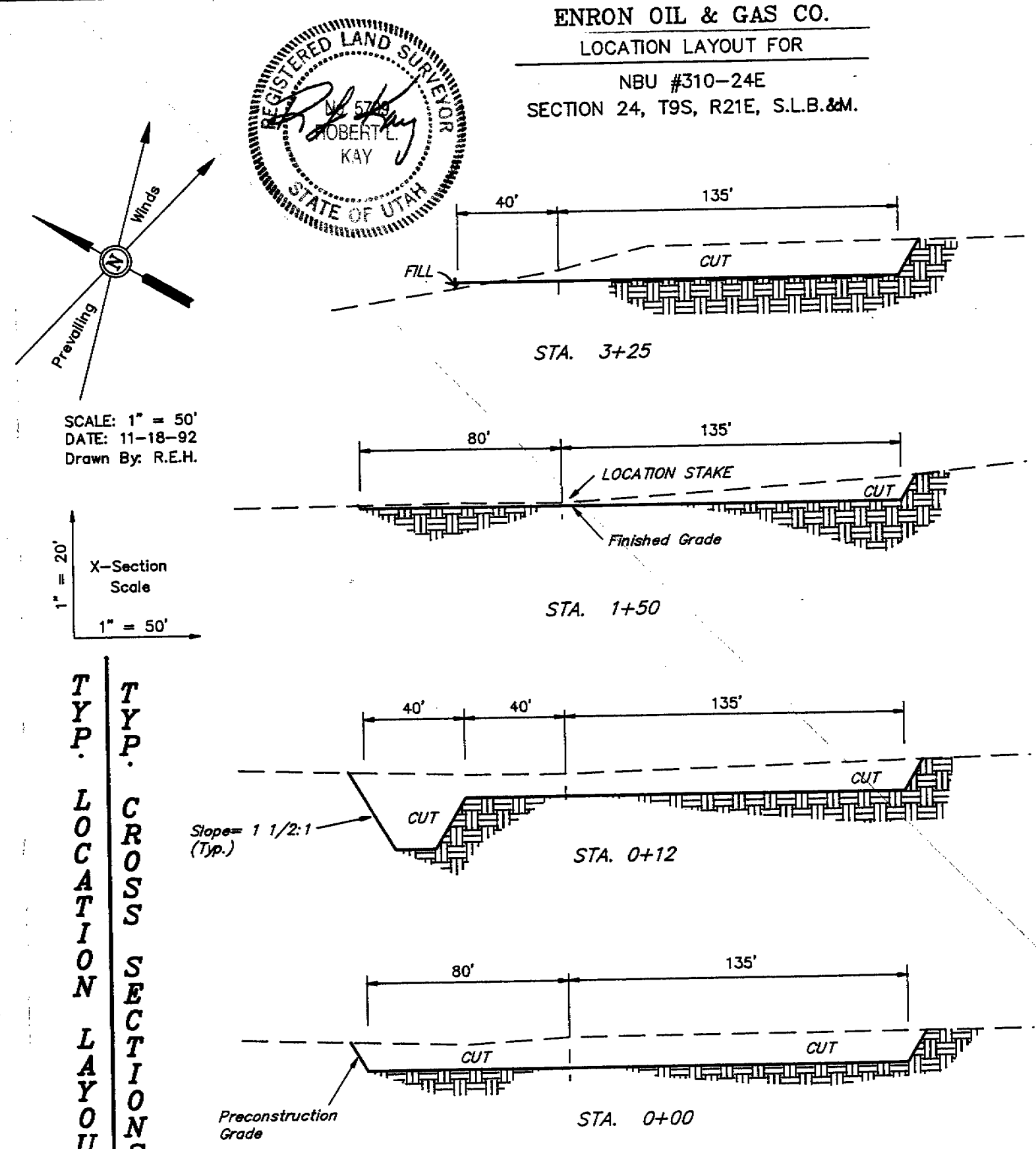
LEGEND:

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

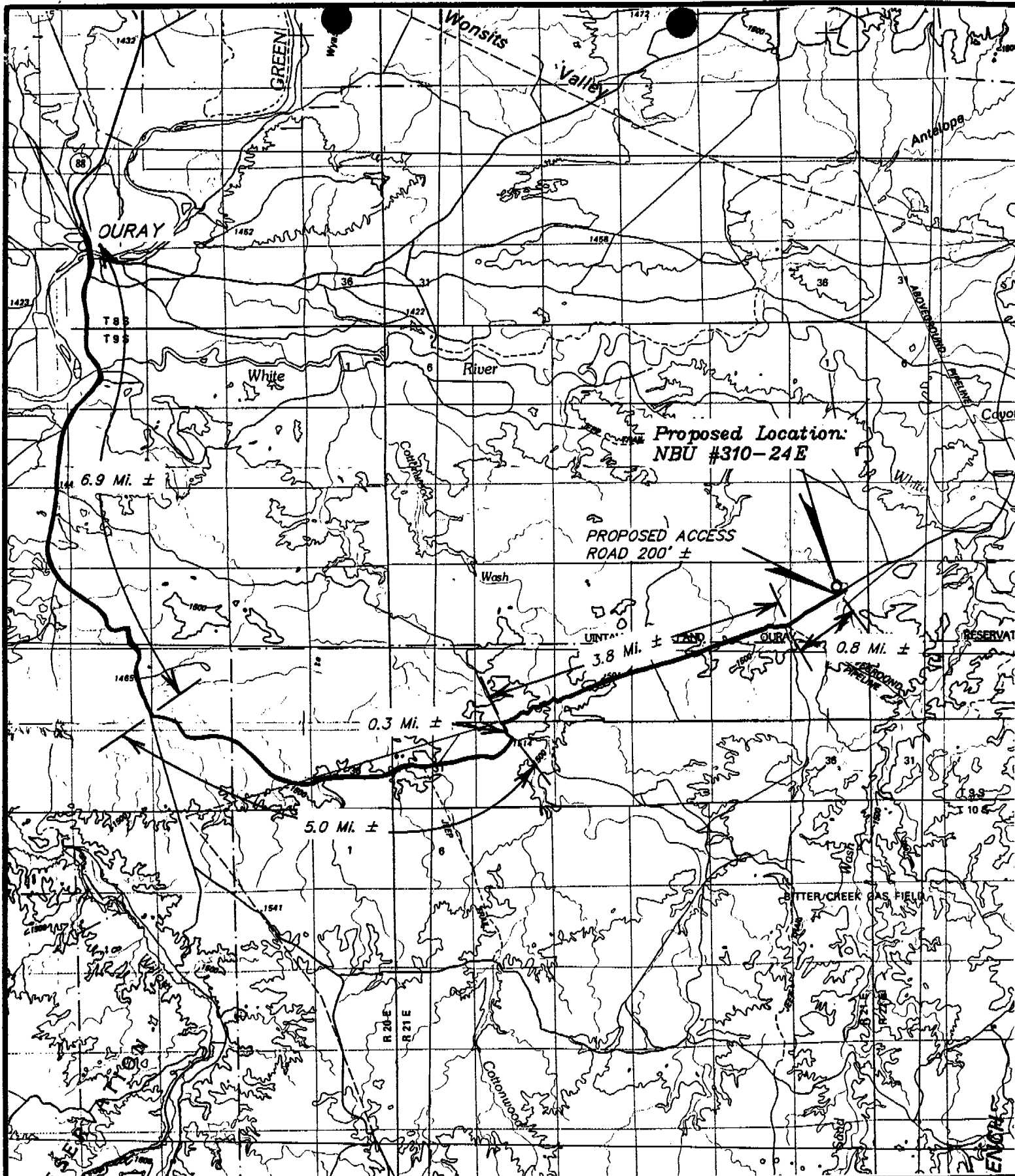
SCALE 1" = 1000'	DATE : 5-23-91
PARTY G.S. K.L. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER WARM	FILE ENRON OIL & GAS CO.

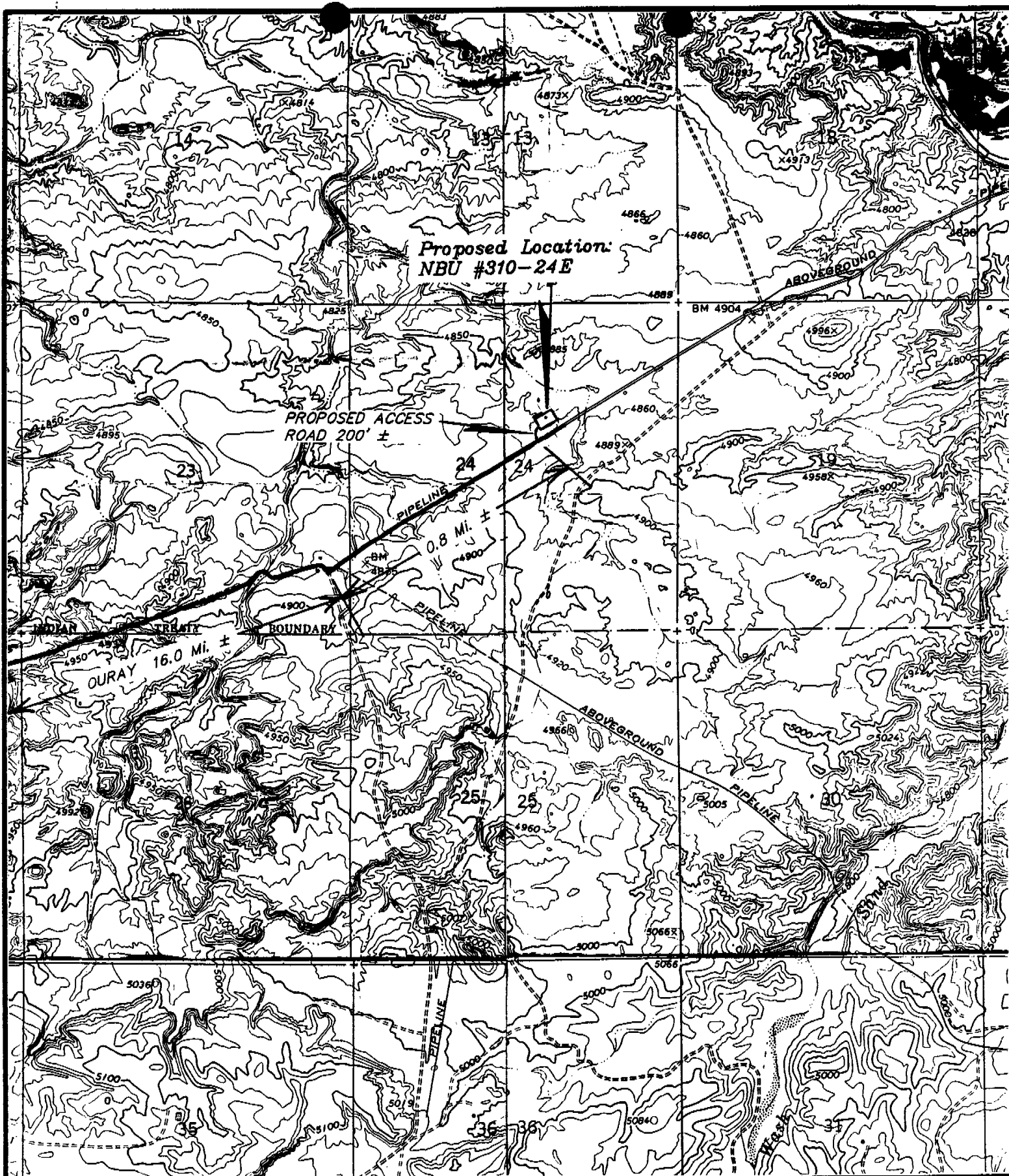


(12") Topsoil Stripping	= 2,320 Cu. Yds.	EXCESS MATERIAL AFTER 5% COMPACTION	= 7,590 Cu. Yds.
Remaining Location	= 5,510 Cu. Yds.	Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,900 Cu. Yds.
TOTAL CUT	= 7,830 CU.YDS.	EXCESS UNBALANCE (After Rehabilitation)	= 4,690 Cu. Yds.
FILL	= 230 CU.YDS.		



UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East
Vernal, Utah





REVISED: 11-18-92 J.L.G.
TOPOGRAPHIC
MAP "B"

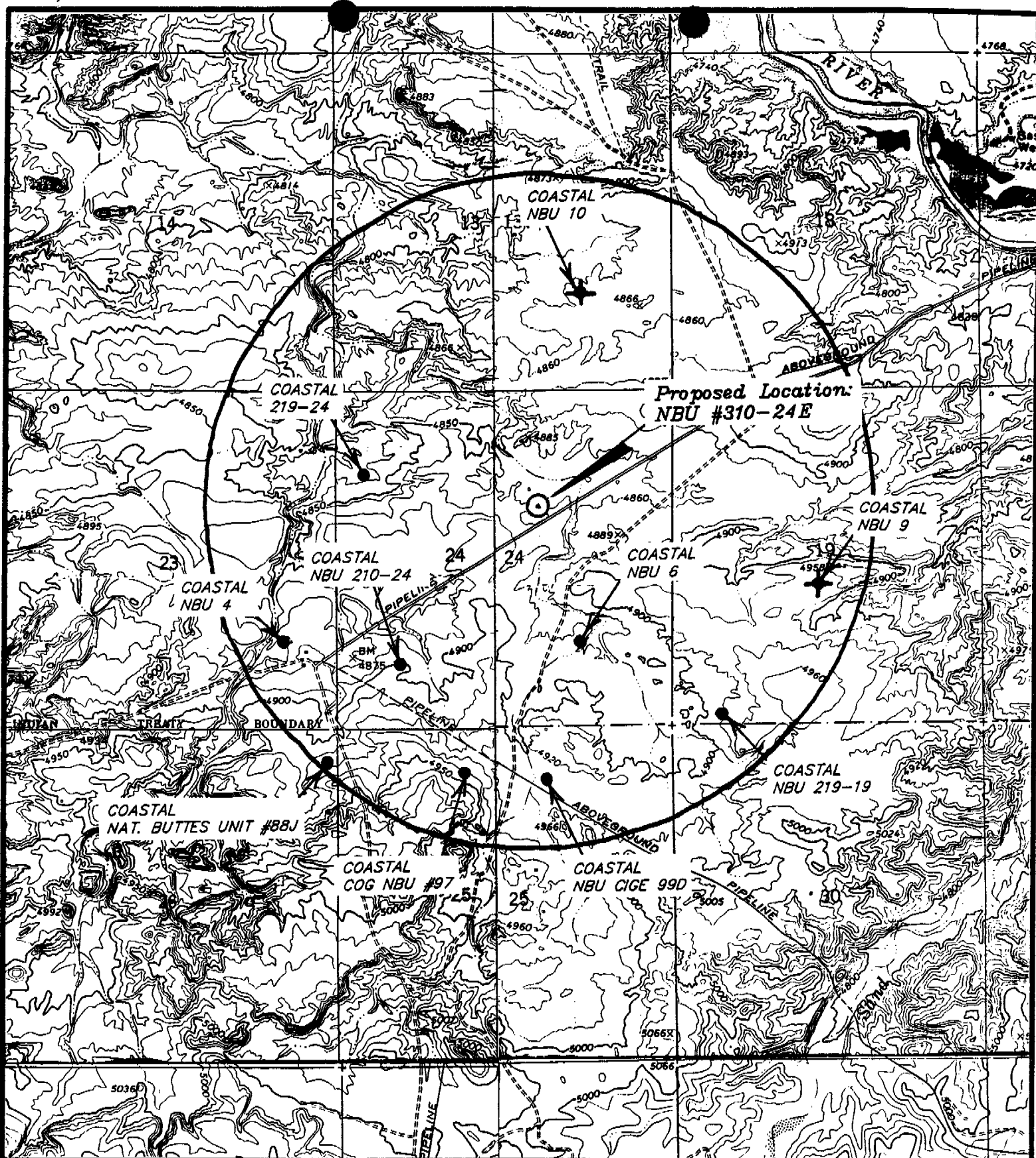
SCALE: 1" = 2000'

DATE: 5-23-91 R.E.H.



ENRON OIL & GAS CO.

NBU #310-24E
SECTION 24, T9S, R21E, S.L.B.&M.



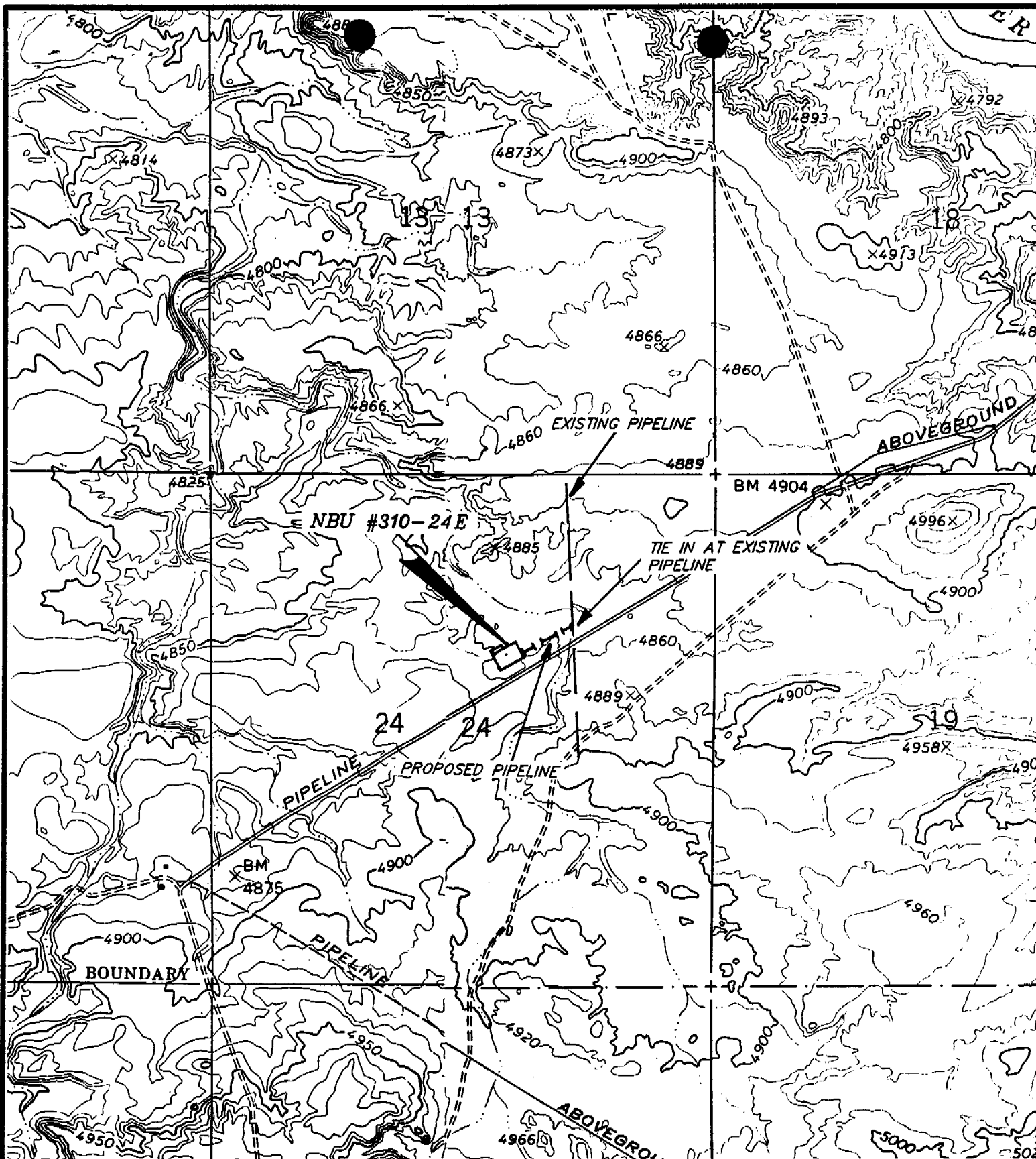
LEGEND:

- ◊ = Water Wells
- ◆ = Abandoned Wells
- = Temporarily Abandoned Wells
- ◊ = Disposal Wells
- = Drilling Wells
- = Producing Wells
- = Shut-in Wells



ENRON OIL & GAS CO.

NBU #310-24E
 SECTION 24, T9S, R21E, S.L.B.&M.
T O P O M A P " C "
 REVISED: 11-18-92 J.L.G.
 DATE: 5-23-91 R.E.H.



TOTAL PIPELINE DISTANCE = 556' ±

**TOPOGRAPHIC
MAP "D"**

LEGEND

- EXISTING PIPELINE
- - - - - Proposed Pipeline



ENRON OIL & GAS CO.

PROPOSED PIPELINE RIGHT-OF-WAY FOR
NBU #310-24E

SECTION 24, T9S, R21E, S.L.B.&M.

DATE: 11-18-92

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: ENRON 43-047-32380

WELL NAME: NBU 310-24E

Section 24 Township 9S Range 21E County UINTAH

Drilling Contractor

Rig #

SPUDDED: Date 11/25/92

Time 10:00 AM

How DRY HOLE

Drilling will commence

Reported by ED TROTTER

Telephone # 1-789-0790

Date 11/25/92 SIGNED JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or recomplete a well for a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals.

SUBMIT IN TRIPLICATE

DEC 10 1992

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENRON OIL & GAS COMPANY

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1800' FNL - 2106' FEL (SW/NE)
SECTION 24, T9S, R21E

5. Lease Designation and Serial No.

U-0149076

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

NATURAL BUTTES UNIT

8. Well Name and No.

NATURAL BUTTES UNIT 310-24E

9. API Well No.

43-047-32380

10. Field and Pool or Exploratory Area

NATURAL BUTTES/WASATCH

11. COUNTY STATE

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT

☒ SUBSEQUENT REPORT

☐ FINAL ABANDONMENT NOTICE

☐ ABANDONMENT

☐ RECOMPLETION

☐ PLUGGING BACK

☐ CASING REPAIR

☐ ALTERING CASING

☒ OTHER SPUDDING

☐ CHANGE OF PLANS

☐ NEW CONSTRUCTION

☐ NON-ROUTINE FRACTURING

☐ WATER SHUT-OFF

☐ CONVERSION TO INJECTION

(Note: Report results of multiple completion on Well Completions
or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Enron Oil & Gas Company spudded 12-1/4" surface hole at the subject location on 11-28-92.
The contractor was Leon Ross Drilling & Construction, Inc. Ed Forsman of the BLM District
office was notified of spud by telephone on 11-28-92.

14. I hereby certify that the foregoing is true and correct

SIGNED

Kathy Carlson

TITLE

Regulatory Analyst

DATE 12-8-92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ENRON
Oil & Gas Company

P.O. Box 250 Big Piney, Wyoming 83113 (307) 276-3331

RECEIVED

DEC 24 1992

**DIVISION OF
OIL GAS & MINING**

December 18, 1992

Mr. Ed Forsman
Bureau Of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

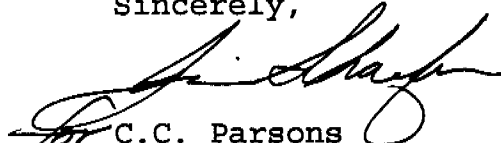
RE: NATURAL BUTTES UNIT 310-24E
LEASE: U-0149076
SW/NE, SEC. 24, T9S, R21E
UINTAH COUNTY, UTAH

Mr. Forsman:

Please find attached a Sundry Notice of spudding of the referenced well.

If further information is required, please contact this office.

Sincerely,


C.C. Parsons
District Manager

js

cc: **UOG&M**
D. Weaver
A.C. Morris
J. Tigner - EB 2043
D. Cross - 2043
Johnny Rodgers - 2127
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED
DEC 24 1992

1. Type of Well

☐ Oil WELL ☒ Gas Well ☐ Other

2. Name of Operator

ENRON OIL & GAS COMPANY

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1800' FAL 2100' FEL
1850' FNL - 2100' FEL (SW/NE)

SEC. 24, T9S, R21E

5. Lease Designation and Serial No.
U-0149076

6. If Indian, Allottee or Tribe Name
UTE TRIBAL SURFACE

7. If Unit or C.A., Agreement Designation
NATURAL BUTTES UNIT

8. Well Name and No.
NATURAL BUTTES 310-24E

9. API Well No.
43-047-32380

10. Field and Pool or Exploratory Area
NBU/WASATCH

11. COUNTY STATE
UINTAH UTAH

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
☒ SUBSEQUENT REPORT
☐ FINAL ABANDONMENT NOTICE

☐ ABANDONMENT
☐ RECOMPLETION
☐ PLUGGING BACK
☐ CASING REPAIR
☐ ALTERING CASING
☒ OTHER SPUDDING

☐ CHANGE OF PLANS
☐ NEW CONSTRUCTION
☐ NON-ROUTINE FRACTURING
☐ WATER SHUT-OFF
☐ CONVERSION TO INJECTION

(Note: Report results of multiple completion on Well Completions or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Enron Oil & Gas Company spudded 12-1/4" surface hole on 11/28/92. The contractor was Leon Ross Drilling & Construction, Inc. Ed Forsman of the Bernal BLM District office was notified of spud by telephone on 11/28/92.

14. I hereby certify that the foregoing is true and correct

SIGNED Jennifer Schmid TITLE Engineering Clerk

DATE 12/18/92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ENRON
Oil & Gas Company

P.O. Box 250 Big Piney, Wyoming 83113 (307) 276-3331

RECEIVED

DEC 24 1992

DIVISION OF
OIL, GAS & MINING

December 21, 1992

Mr. Ed Forsman
Bureau Of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

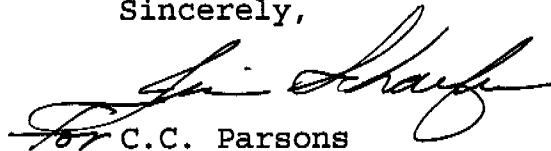
RE: NATURAL BUTTES UNIT 310-24E
LEASE: U-0149076
SW/NE, SEC. 24, T9S, R21E
UINTAH COUNTY, UTAH

Mr. Forsman:

Please find attached a Sundry Notice of water encountered while drilling the subject well.

If further information is required, please contact this office.

Sincerely,


for C.C. Parsons
District Manager

js

cc: Utah Board of Oil, Gas and Mining
D. Weaver
T. Miller
Vernal Office
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT --" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

DEC 24 1992

2. Name of Operator

ENRON OIL & GAS COMPANY

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850' FNL - 2100' FEL (SW/NE)

SEC. 24, T9S, R21E

5. Lease Designation and Serial No.

U-0149076

6. If Indian, Allottee or Tribe Name

UTE TRIBAL SURFACE

7. If Unit or C.A., Agreement Designation

NATURAL BUTTES UNIT

8. Well Name and No.

NATURAL BUTTES 310-24E

9. API Well No.

43-47-32380

10. Field and Pool or Exploratory Area

NBU/WASATCH

11. COUNTY STATE

UINTAH UTAH

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ NOTICE OF INTENT
☒ SUBSEQUENT REPORT
☐ FINAL ABANDONMENT NOTICE

TYPE OF ACTION

☐ ABANDONMENT
☐ RECOMPLETION
☐ PLUGGING BACK
☐ CASING REPAIR
☐ ALTERING CASING
☒ OTHER WATER ENCOUNTERED
☐ CHANGE OF PLANS
☐ NEW CONSTRUCTION
☐ NON-ROUTINE FRACTURING
☐ WATER SHUT-OFF
☐ CONVERSION TO INJECTION

(Note: Report results of multiple completion on Well Completions or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Water was encountered while drilling the subject well at the depth of 1325' KB in the Uintah formation.
Please find attached a copy of the Report of Water Encountered During Drilling (Form 7).

14. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Engineering Clerk

DATE 12/21/92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DEC 24 1992

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

DIVISION OF
OIL, GAS & MINING

1. Well name and number: NBL 310-24E
API number: 43-047-32380

2. Well location: QQ SW/NE section 24 township 9S range 21E county Uintah

3. Well operator: Enron Oil & Gas Company
Address: P. O. Box 250 phone: (307) 276-3331
Big Piney, Wyoming 83113

4. Drilling contractor: VECO Drilling, Inc.
Address: Box 1705 phone: (303) 242-6912
Grand Junction, CO.

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
<u>1325'</u>	<u>—</u>	<u>Water encountered while</u>	<u>Salty</u>
		<u>drilling. Insufficient</u>	
		<u>head to flow to surface w/o</u>	
		<u>separation.</u>	

6. Formation tops: Uintah Surface
Green River Oil Shale 1652 (est.)

If any analysis has been made of the water encountered, please attach a copy of the report to this form.

I certify that this report is true and complete to the best of my knowledge.

Name Tim Schaefer
Title Sr. Prod Engr.

Signature [Signature]
Date 12/21/92

Comments:

ENRON

Oil & Gas Company

P.O. Box 250 Big Piney, Wyoming 83113 (307) 276-3331

March 10, 1993

RECEIVED

MAR 17 1993

DIVISION OF
OIL GAS & MINING

Mr. Ed Forsman
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

RE: ABANDONMENT
NATURAL BUTTES 310-24E
LEASE: U-014076
SW/NE, SEC. 24, T9S, R21E
UINTAH COUNTY, UTAH

Mr. Forsman:

Please find attached a Sundry Notice describing the permanent abandonment of the subject well.

If you have any questions or require additional information regarding this matter, please contact this office.

Sincerely,



C.C. Parsons
Division Operations Manager

JLS

cc: ~~WOG&M~~
D. Weaver
A.C. Morris
J. Tigner - EB 2043
Vernal Office
File

(December 1989)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAR 17 1993

FORM APPROVED

Budget Bureau No. 1004-0135

Expires September 30, 1990

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different well.

Use "APPLICATION FOR PERMIT --" for such proposals OIL GAS & MINING

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas
☐ WELL ☒ Well ☐ WIW

2. Name of Operator

ENRON OIL & GAS COMPANY

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1850' FNL - 2100' FEL (SW/NE)

SECTION 24, T9S, R21E

5. Lease Designation and Serial No.

U-0149076

6. If Indian, Allottee or Tribe Name

UTE TRIBAL SURFACE

7. If Unit or C.A., Agreement Designation

NATURAL BUTTES UNIT

8. Well Name and No.

NATURAL BUTTES 310-24E

9. API Well No.

43-047-32380

10. Field and Pool or Exploratory Area

NBU/WASATCH

11. COUNTY STATE

UINTAH UTAH

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT

☒ SUBSEQUENT REPORT

☐ FINAL ABANDONMENT NOTICE

☒ ABANDONMENT

☐ RECOMPLETION

☐ PLUGGING BACK

☐ CASING REPAIR

☐ ALTERING CASING

☐ OTHER

☐ CHANGE OF PLANS

☐ NEW CONSTRUCTION

☐ NON-ROUTINE FRACTURING

☐ WATER SHUT-OFF

☐ CONVERSION TO INJECTION

(Note: Report results of multiple completion on Well Completions or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Enron Oil & Gas Company permanently abandoned the subject well as follows:

1. Pumped 165 sz. Class "G" cement from 5061-4860'. (Plug 1)

2. Pumped 140 sz. Class "G" cement from 2656-2356'. (Plug 2)

3. Pumped 50 sz. Class "G" cement from 300-150'. (Plug 3)

4. Pumped 75 sz. Class "G" cement from 180' to surface. (Plug 4)

5. Set dry hole marker per regulations 01/15/93.

NOTE: Reclamation program will be submitted by Sundry Notice prior to proceeding with any reclamation activity.

14. I hereby certify that the foregoing is true and correct.

SIGNED Jennifer Schmid TITLE Engineering Clerk DATE 03/10/93

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PERMIT BY DUPLICATION

RECORDED
INDEXED
MAR 2 1993

FORM NO. 1
MAY 1988

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

MAR 26 1993

NAME OF WELL

NAME OF OPERATOR

ENRON OIL & GAS COMPANY

ADDRESS OF OPERATOR

P.O. BOX 250 BIG PINEY, WYOMING 83113

DIVISION OF
OIL GAS & MINING

LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

SURFACE 1850' FNL - 2100' FEL (SW/NE)

TOP PROD. INTERVAL reported below SAME

TOTAL DEPTH SAME Loc. chg. 11-23-92

PERMIT NO. 43-047-32380

DATE ISSUED 10/01/92

SEC. 24, T9S, R21E

COUNTY OR PARISH

UINTAH UTAH

DATE SPUDDED

DATE T.D. REACHED

DATE COMPL. (REG. NO. 000000)

ELEVATIONS (OF. SUR. AT. CR. ETC.) * 19. ELEV. CASSIDIAN

11/28/92

01/01/93

P&A'd 01/15/93

4865' KB

4853' P.G.L.

TOTAL DEPTH AS A PROD.

PLUG BACK FROM AS A PROD.

INTERVALS

DATE TOOLS

CABLE TOOLS

6890'

ROTARY

INDICATING INTERVALS OF THIS WELL

TYPE ELECTRIC AND OTHER LOGS RUN

DEL/CDL/DSN/GR 2-26-93

LOGGING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLES SIZE	EMMENTING RECORD	WARRANTY FULFILL
9-5/8"	32.3# H-40	232.92' KB	12-1/4"	125 sx. Class "C"	None

LINE RECORD				TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	PACKS CEMENT*	SCREEN (MD)	PACKED SET (MD)

PERFORATION RECORD (Interval, size and number)		ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5061-4860'	165 sx. Class "C" (Plug 1)		
2656-2356'	140 sx. Class "C" (Plug 2)		
300-220'	50 sx. Class "C" (Plug 3)		
180-surface	75 sx. Class "C" (Plug 4)		

PRODUCTION							
DATE FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping, etc. and type of pump)			
DATE OF TEST				WELL STATUS (Flowing or Shut-in)			
ROCKS TESTED	HOLES SIZE	PROD'N. FOR TEST PERIOD	IL-OIL	GAS-MCF	WATER-GAL	GAS-OIL RATIO	
FLW. TUBING PRESS.	CASING PRESSURE	ALCALATED 24-HOUR RATE	IL-OIL	GAS-MCF	WATER-GAL	OIL GRABBY-API (COIL)	

DISPOSITION OF GAS (comb. used for fuel, vented, etc.)

LIST OF ATTACHMENTS

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jimmy Schmidt

TITLE ENGINEERING CLERK

DATE 03/15/93

(See instructions and Spaces for Additional Data on Reverse Side)

[illegible]

37. SUMMARY OF FORMER ZONES:	TOP	CORRELATION	DEPTH INTERVAL TESTED, CORRELATION INTERVAL, DEPTH, BLOWING AND BUMP-IN PRESSURE, AND LOG-INTERVAL	LOG-INTERVAL, CONTENTS, ETC.
GREEN RIVER	Base M Marker	446.2'	407'	4745'
N Limestone	Wasatch	486.1'	522'	1082'
Peter's Point	Chapita Wells	539.1'	595.1'	8'
Buck Canyon				

ENRON

Oil & Gas Company

P.O. Box 250 Big Piney, Wyoming 83113 (307) 276-3331

April 13, 1993

Mr. Ed Forsman
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

RE: AMENDED COMPLETION REPORT
NATURAL BUTTES UNIT 310-24E
LEASE: U-0149076
SW/NE, SEC. 24, T9S, R21E
UINTAH COUNTY, UTAH

Mr. Forsman:

Please find attached an amended Completion Report amended to correct the surface location and also the P&A date.

If you have any questions or require additional information regarding this matter, please contact this matter.

Sincerely,



C.C. Parsons
Division Operations Manager

JLS

cc: ~~UOG&M~~
D. Weaver
A.C. Morris
J. Tigner - EB 2043
Vernal Office
File

RECEIVED

APR 19 1993

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

U-0149076

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UTE TRIBAL SURFACE

7. UNIT AGREEMENT NAME

NATURAL BUTTES UNIT

8. FARM OR LEASE NAME

NATURAL BUTTES UNIT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:

OIL WELL ☐ GAS WELL ☒ DRY ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF.RES. ☐

2. NAME OF OPERATOR

ENRON OIL & GAS COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 250 BIG PINEY, WYOMING 83113

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1800 FNL - 2106' FEL (SW/NE)

At top prod. interval reported below SAME

At total depth SAME

15. DATE SPUDDED

11/18/92

16. DATE T.D. REACHED

01/01/93

17. DATE COMPL. (Ready to prod.)

P&A'd 01/15/93

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)

4865' KB

19. ELEV. CASING HEAD

4853' PREP. GL.

20. TOTAL DEPTH, MD & TVD

6890'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPLETIONS, HOW MANY?

23. ROTARY TOOLS

ROTARY

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE?

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL/CDL/DSN/GR

27. WAS WELL CORED?

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3# H-40	232.93'	12-1/4"	125 SX. CLASS "G"	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5061-4860'	165 SX CLASS "G" (PLUG 1)
	140 SX CLASS "G" (PLUG 2)
	50 SX CLASS "G" (PLUG 3)
	75 SX CLASS "G" (PLUG 4)

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
P&A'd 01/15/93							
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED Jennifer Schmid TITLE ENGINEERING CLERK DATE 03/15/93

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: *Sacks C:* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 25 U.S.C. et. seq., 43 CFR 3160

PRINCIPLE PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling of an oil or gas well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling of the well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of its information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and producing oil and gas on Federal and Indian oil and gas leases. This information will be used to analyze operations and compare equipment and procedures actually used with the proposals applied for.

Response to this request is mandatory once an oil or gas well is drilled.

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill—stem tests, including depth interval tested, cushion used, time tool open, flowing and shut—in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			GREEN RIVER			
			Base M Marker		4462'	+ 407'
			N Limestone		4745'	+ 124'
			WASATCH			
			Peter's Point		4861'	+ 8'
			Chapita Wells		5391'	- 522'
			Buck Canyon		5951'	- 1082'

ENRON
Oil & Gas Company

P.O. Box 250 Big Piney, Wyoming 83113 (307) 276-3331

RECEIVED

MAY 19 1993

DIVISION OF
OIL & GAS

May 11, 1993

Mr. Ed Forsman
Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Wyoming 84078

RE: ABANDONMENT
NATURAL BUTTES UNIT 310-24E
LEASE: U-014076
SEC. 24, T9S, R21E
UINTAH COUNTY, UTAH

Mr. Forsman:

Please find attached a revised Sundry Notice describing the permanent abandonment of the subject well.

If you have any questions or require additional information regarding this matter, please contact this office.

Sincerely,



C.C. Parsons
Division Operations Manager

JLS

cc: UOG&M
D. Weaver
A.C. Morris
J. Tigner - EB 2043
Vernal Office
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

*AMENDED

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

FORM APPROVED

Budget Bureau No. 1004-0135

Expires September 30, 1990

5. Lease Designation and Serial No.

U-0149076

6. If Indian, Allottee or Tribe Name

UTE TRIBAL SURFACE

7. If Unit or C.A., Agreement Designation

NATURAL BUTTES UNIT

8. Well Name and No.

NATURAL BUTTES UNIT 310-24E

9. API Well No.

43-047-32380

10. Field and Pool or Exploratory Area

NATURAL BUTTES UNIT/WASATCH

11. COUNTY STATE

UINTAH UTAH

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENRON OIL & GAS COMPANY

3. Address and Telephone No.

P.O. BOX 250, BIG PINEY, WY 83113 (307) 276-3331

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1800' FNL - 2106' FEL

SECTION 24, T9S, R21E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT

☒ SUBSEQUENT REPORT

☐ FINAL ABANDONMENT NOTICE

☒ ABANDONMENT

☐ RECOMPLETION

☐ PLUGGING BACK

☐ CASING REPAIR

☐ ALTERING CASING

☐ OTHER

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☐ NEW CONSTRUCTION

☐ NON-ROUTINE FRACTURING

☐ WATER SHUT-OFF

☐ CONVERSION TO INJECTION

(Note: Report results of multiple completion on Well Completions
or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Enron Oil & Gas Company permanently abandoned the subject well as follows:

1. Pumped 165 sx. Class "G" cement from 5061-4860'. (Plug 1)
2. Pumped 140 sx. Class "G" cement from 2656-2356'. (Plug 2)
3. Pumped 50 sx. Class "G" cement from 300-150'. (Plug 3)
4. Pumped 75 sx. Class "G" cement from 180' to surface. (Plug 4)
5. Set dry hole marker per regulations 01/15/93.

NOTE: Reclamation program will be submitted by Sundry Notice prior to proceeding with any reclamation activity.

RECEIVED

MAY 19 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct.

SIGNED Jennifer Schmid TITLE Engineering Clerk DATE 05/11/93

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: